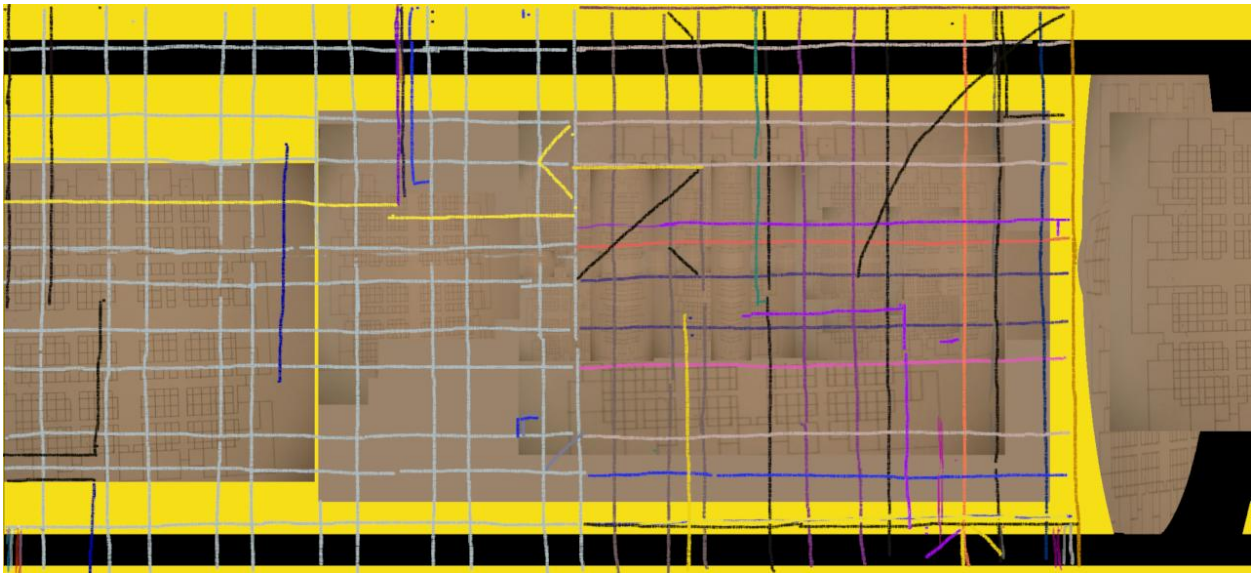
Mathematica Exotique : From the Zen of Ingres to the Nets of Physics-



: a study of art objects and physics as their own art and Harmonic in my art and that of others.

Edwin VanGorder

In this project I relate the structure of my own approach to a mathematical golden section grid which I liken to the Tonatz or 19 c “tone net” lattice of music theory which figures in such as Calabi Yaut theoretic string dimensions... and is a personal instrumentation by which I approach the mathematics of physics through my drawing... the paradigm of Einstein towards thinking things then included art objects as things, and therefore these various meditations involve the art objects which over time have come to prompt these various reviews... which seem on their own more and more to make their way into my presentations...

Spectral Vectors

Relate grid centric parameter overlap as square root of five to golden section and gap of twice applied root of five in square as Hermitian

Other Ratios then relate as over lap or underlap thus two gaps, essentially the valence and brioullin zone in an abstraction based also on the identity of 'I" I quantum physics qp-pq = iplanck or sequence out of time in which topological features of sequence are mapped in my presentation of .7003 .703,.73, .073

.0073 and qubit of .0091 → .oo19..where then the grid has .0156 as pseudo planck... this then relates a consideration of gnomon as reading transposals as modular to its reciprocal form thus multiplication forming image and kernel open to differentiation elastic to plastic and division as ratio normalization... relation to unitary field or momentum tensor in Fourier mode then posing to modular structure... relating maximal and minimal scales then from the suffixes of expression relative unity projections the finds the peripheral position of higher dimensions and compactification vers a center in which jet like projections are independent features where additions to edge, as in a black hole horizon relate to center projections as an Apeirogon or infinity structure modelling to Cantors Tree, the Menge Sponge and Alexander Horned sphere at an orthodox infinity in tension with stochastic tree like infinity and quantum noise then as discovered to suffix fuzzy numbers models a minimalist or micro expansion towards the Macro in relation to the inverse case over two different kinds of infinity with the quantum

parameter of genuine chaos and the noise which is its echo under construction...

Study Board

Gaussian theory over Reals, Complex, quaternions, Octonions, Sedenions, Pathions, Chingons,Routons, Voudons

Complex

Harmonics

Lie, infinitesimal

Infinites, Apeirogon, Alexander Horned Sphere and Cantor Tree

Hyper Complex

Harmonic Hyper Complex

Varieties of quantum Approaches

Langlands

Heterotic String Theory

CAG combinatorial abstract Algebra

Geode

Amplituhedron

Swampland

Betti and Poincare numbers

Berri numbers

Ricci curve

Ising Graph

Matrioids

Ito Calculus

Akwa theorem

Frobenius associative Algebras

Bell Inequalites

Persistant Homologies

Ikkt = lie matrix kkcompression to point

Riemann Manifolds , merimorphic, branch cuts

Trees

Extender Graphs

BPS Singleton

Topological String- Gromlo-Witten invariants + Chern Simmons theory

Markovian analytic

Langlands Program

Adams Spectral analysis

Analytic Theory

Representation Theory

Quaternions, Octonions and complex quaternions

Weyl Nodes

Brownian Motion

Qubits, qudits inversion symmetry and lattice fault tolerant networds

Spin networks

Spin glass

Sinusoidal waves

Strange Attractors

Butterflies

Pauli, Gell-Mann, Dirac matrices

Dirac Comb

Fourier analytic

Monte Carlo methods

Dynamic Mean theory

Bundles and sheaves

Calubi-Yau

Taylor Series

Triangle Matrices

Pascal's pyramid

Vector Calculus

Higher dimensional spheres

Exotic spheres

Schurr complement

Lagrangian

Generalized Renormalization theory

Weil Group

Landreau Lifshitz Pseudo tensor

Kahler manifolds

Topological spheres

De Ramm theory

Weinstein Manifold

Yang-Mills theory

Canonical bundles

Cantor Sets

Analytic Theory

Reciprocal of specific osculating circle

Hodge numbers

Hodge triangle

Teichman Intra – universal theory

Catalan numbers

LaGrangian spheres

Hopf fibration

Homologies

Isometries

Ergodistic theory

Lorrentz

Lorrenzian signature

Rieman- Stieljtes integrations

Handles

Stochastic theories/Markovian

Unruh effect

Penrose effect

Monstrous Moonshine

Cayley-Dickinson Algebras

VonNeumannAlgebras

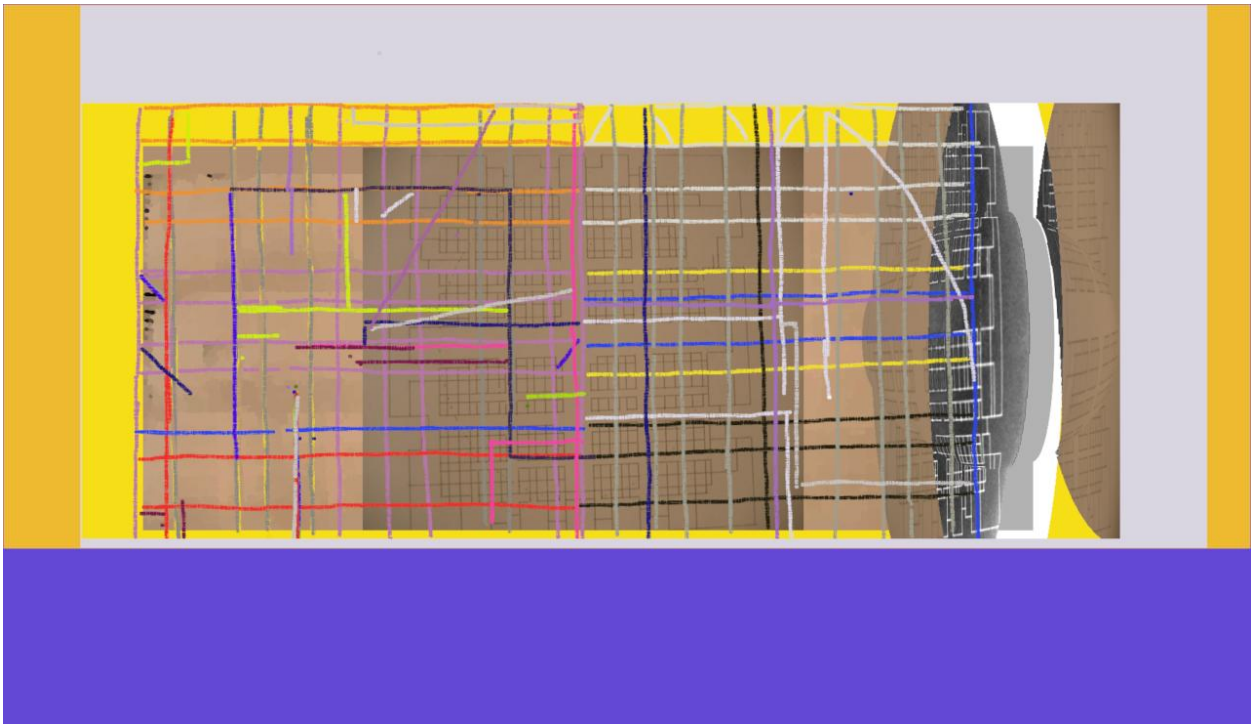
KStar Algebras

Moyal Brackets

Conformal Field Theory

Ykwa theory

From the topological series and Gnomon-bit



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Leading Zeros, Bound and Unbound Suffixes of Golden Section Fractional Towards Periodic Topology and Section Bit Through Independent Function Bundle Jets As Toy Beam Crossings, Hyper Dimesions and Quantum Flux.

: Where-in the Bound State embeds pi within the golden sections' unitary thresholds...

The series topological sequence has been presented relating .0073, .073, .73, .703 and .7003 in relation to golden section suffixes which model its relation to unity springing from itself the sum of the reciprocals of the square roots of 11 and ten... terms then reflective as .0019, .0028,

The idea is to relate the quantum meaning of (i) as time independent and the reciprocal relation between multiplication towards an expansion of tuples , modular and embedding structure as image and potential kernel with an adiabatic or Hermitian relations and parallel transport in relation to division as more time like and compacifying, the two symmetries the as bilateral and log... consulting Hoppfield style networks(in which elements involve the characteristic viewd from an element and interpreted as open or closed loops) thus to my interpretation where golden section suffixes as qubit like are compared to

the .0073_>.0073 as a topological series thus closed to open loops at the disruption of the decimal fuzzy number potentials... I use the leading zero of a line in relation to its complement to create a wraparound structure featuring gamma n boxes which are open to information, that information being random probe of the given "characteristic" and devised determinants of jet or bundle like probes as independent functions in the flux field.

Block Glass and Spin Orbital Coupling Since Duchamp:

Wheres glass is a fluid and the viscosity blocks mass opacity glass block in its opacity might be considered a kind of "dirty" version of glass... similarly Spin glass materials are an anisotropy via spin orbital momentum displacing charge create frustration in a lattice or a disorder blocking smooth transitions and this is termed 'dirty" as opposed to the clean effect in quantum fluids which act as a plasma like structuring and in the latter case the spin orbital momentum has the different effect of stabilizing the fragile quantum

entanglements via the same anisotropy... In Duchamps Glass the parallel would seem to be the shapes in the upper region which are as the coal bags of his earlier hanging of coal bags, but emptied out and relating to the famous dust raising or collection of dust on glass... thus a theme of the transparency of Art and Language...which through that natural spectrum leading to rhetoric , mathematics and physics brings us tandem...

362a9

Mathematica Extotique and the Zen of Ingres

Retracing at this point origins in Art and Language as the Spectrum of poetry through rhetoric, mathematics and physics at of course the watershed of Duchamp at this point I am observing the remarkable disjunctions Ingres makes in his drawing which trace linear circuits different than the hard vectors of Medieval sources and instead wraps forms staged from center of slight tension and relaxation and positioning into the corners of the composition where the abstraction in a geometry is like a kind of cloud in relation to the

wrapping and sinusoidal advances and intertwining's.

Similarly , or analogically in my drawing the relation between Pi, the golden section, unity, modular form, log symmetry, bilateral symmetry and the quantum {i} are as an n to k dimensional chess which just as Ingres worked from a very distinct system has in my drawing the following formal system or Van's Algebra so to speak... arranging a phase space of disjunction functors...

To begin with of course the golden section harmonic grid which has center gap spaces as between twice the square root of five applied in a square and this axis centrally then both vertical and

horizontal...plots by ratios to that section the characteristic suffixes of golden section differentiations these as fuzzy numbers in cycle then project, this normalization then may be on centers in a de morgan type space as well which is disjunction or planted in corners as a gnomon like space...or independent vectors as staging ratios in jet like bundles from corners may converge at center or diverge as lattice forms where the diagonals or h factor may be measured also from the edges towards that linear rotation, and the rotational aspect take into account the circumradius or side value of uniform polygon edges as they also relate to basis vectors... I index the basis values

to the leading zeros of a term and these zeroes then are like quantum n boxes but I index them further to the turns of the golden section on two tracts, one being from 1.618 and the other from the parent square root of five from .4472 of which the former at the fifth turn continues by ratio embedding the second... I also consider a wrap around motif from the event of suffix forms which building on the sum of square root of ten and eleven in reciprocal summed as the golden section then find the series .0091, .0082, .0073 etc as quoting the ten fold, and relate these as " fermion" like statistic to a more "boson "like statistic I find in the topological series of .0073,.073, .73, .703

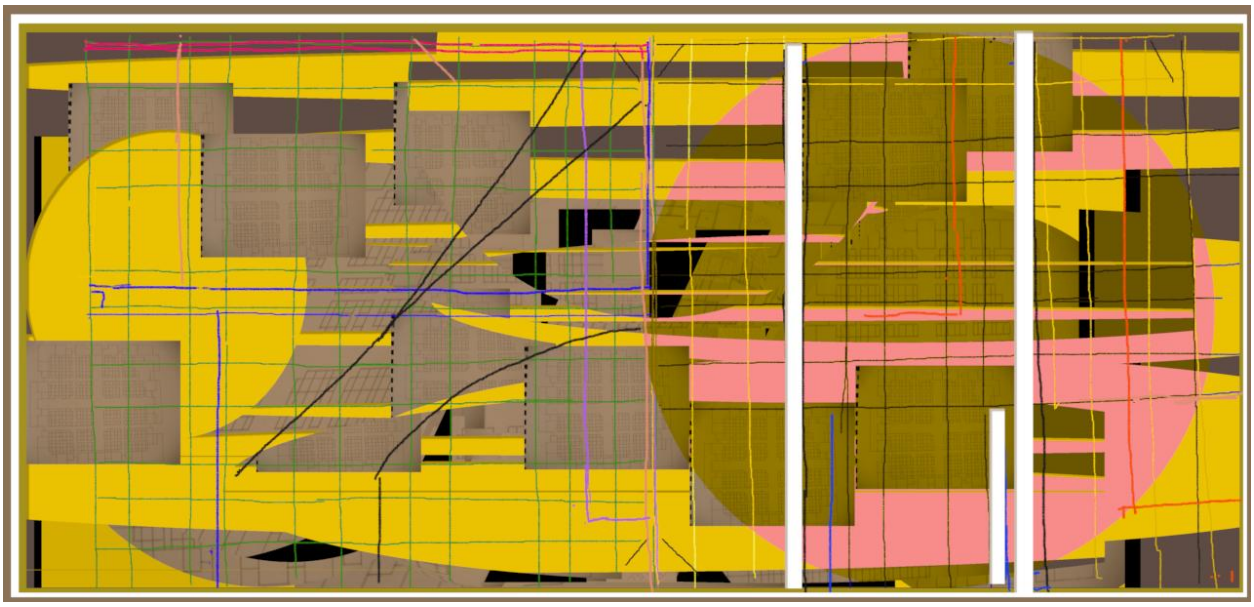
and .7003 all of which double relate to .146 or third turn of golden section from .618 or fourth from 1.618... and I also relate the structure of the square root of two as distinguishing mass as having dual definitions, ie .707 or .708 the latter being 3 times .236 or third turn of spiral from 1.618 or second from .618... thus the odd and even form lending to the structure of complex forms... the wrap around structure being to take the number which would complete the leading zero and place it at the beginning of the number.. just as quarks are always bound and cannot be observed separately two of the suffixes only exist together thus .0037 and .0055 which summed as .56 then approx. the

square of the reciprocal of pi and .56 as 1.7854 finds .7854 times four =Pi and complement .2146 reciprocal of the Feigenbaum…the number .101 which is the reciprocal of pi squared is times seven the square root of two and times 6 is .606 or unity plus three times the reciprocal of the golden section itself combined to unity…

The structuring of "Vans Algebra" as I describe form a vectoring of Ingres disjunctions to a system of isomorphisms in mathematics can be related to Birational Invariants recently proposed as studying higher polynomials through a relating of algebraic and geometric analysis

somewhat comparable to the Geode in which the relation of (i) is translated to basis vectors considered of Position and Momentum such that the unitary aspect is infinitely dense and so to me the idea which borrows from string theory can proceed to quantum flux ... the general aspect of this enclosed drawing then proceeds from view imagined of the spectator standing behind the slit screen and perceiving of course a simple beam while the entanglement is choosing between that bodily three dimensional screen and the flat one... The drawing then speculates continuing the bridges of a density of basis vectors over quantum randomness, the order of the drawing takes in a pseudo random

background which then via these filtrations forced to a speed relates the fluidity of the filtration to spin glass or the entropic locking in...



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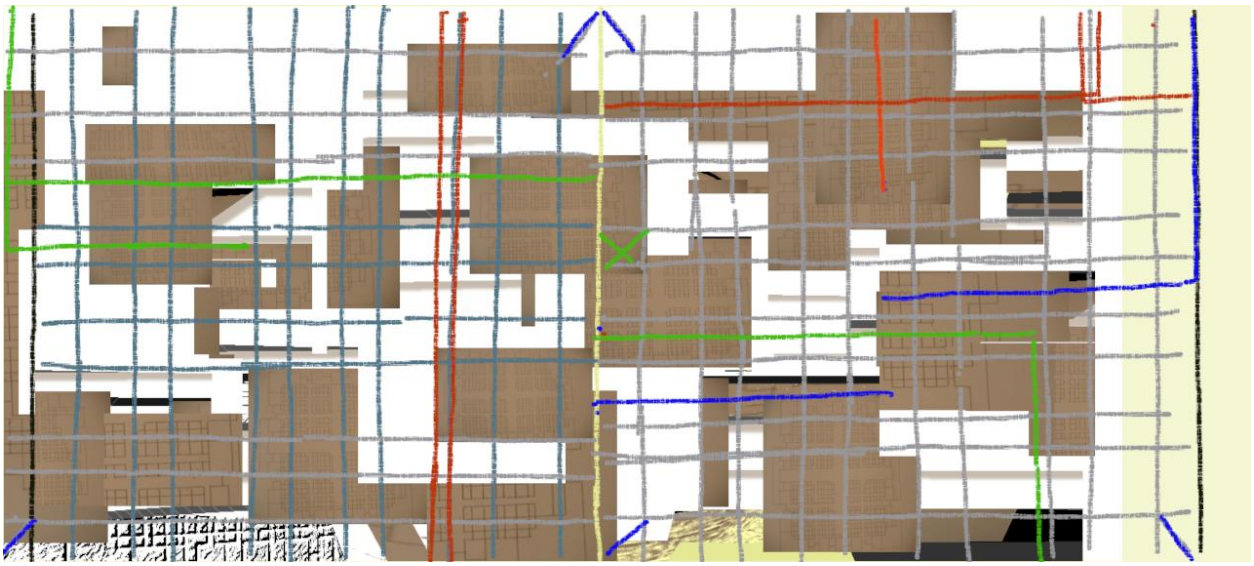


362b2

Tone Net Toy Modello:

Gnomon notes from Pergamon...

Weak Guage of Square Root of Two and Higgs Field or Boson and Filtration Subtending Radius and Point Affinities Affine.

Thus the K 3 surface as graph as an array of two dimensional approaches and world line of sorts.. is seemingly an author of the connection between string and analytic theory?and Ikkt theory... and E8 is link to octonions?... The considering how infinity plus one or and Alexandrov extension seems refferential Riemannian affine plane does the difference between this and

the coarser zoriski topology suggest some nevertheless broad connection if one compares compactification as a leading limit sourcing some difference between vacua and toric holes and compactification as a in say a Schwarzenchild radius as an area which if reviewed to its singularity and the projection of particle members by one model or the more general fuzz ball orientation over fuzzy number tunelling the latter closer to the arrays of mapping k3 surfaces and former to zoriski mapping how might we best get a handle on the amplitudes and possibilities in the k3 model of the

Calubi Yau? And these as relating Per k2 surfaces and to also complex tori :referencing the structural appearance of the Tonnetz as an example I consider here this “tone net” lattice in the available exemplar of pencil drawings for Ingres portrait of the Vicomtesse dHausonville...

Thus towards a moment of ‘ thinking things” as Einstein proposed,,, I bring up this diversion for the moment because art objects also are “things” to be consulted via the conditions of experience and so on the tangent...

Just to further the argument Ingres was a fanatical violin player, playing with

Paganini and many of the great violinists of his time, describes playing with them as they were weeping over the beauty of the music... I would then go so far as to say Duchamps bride stripped bare is referencing Ingres portrait procedure... drawing in layers of study including the nude model. and in the Glass there are multiple references to layering musical structures relative visual... Ingres method of compositional offsets was also psychological ie substituting often his own hand for the subjects, or dividing the features to relate a male /female comparison... his method of referencing Greek ephermera or the long rang of relationships which transform within the

eye by electing of these vectors the transformation by which you see one thing only because you see another... and the Greek mathematics was linked to a sense of tonality as in "the music of the spheres', Pythagorean modes... etc...

And.. the top of the glass is titled the "Net" of which also then studies of bicycle on music graph (cycle graph) and the "litany" of the chariot bear some further witness...occulist, cyclist, and aura to aureation...

In the spectrum of Art and Language Puranha in Greek as bowl, and Apuranha as net are the Sanskrit origins of o Anhara... or to critique thus the

generalizations have these bonds to a tone net one might speculate…

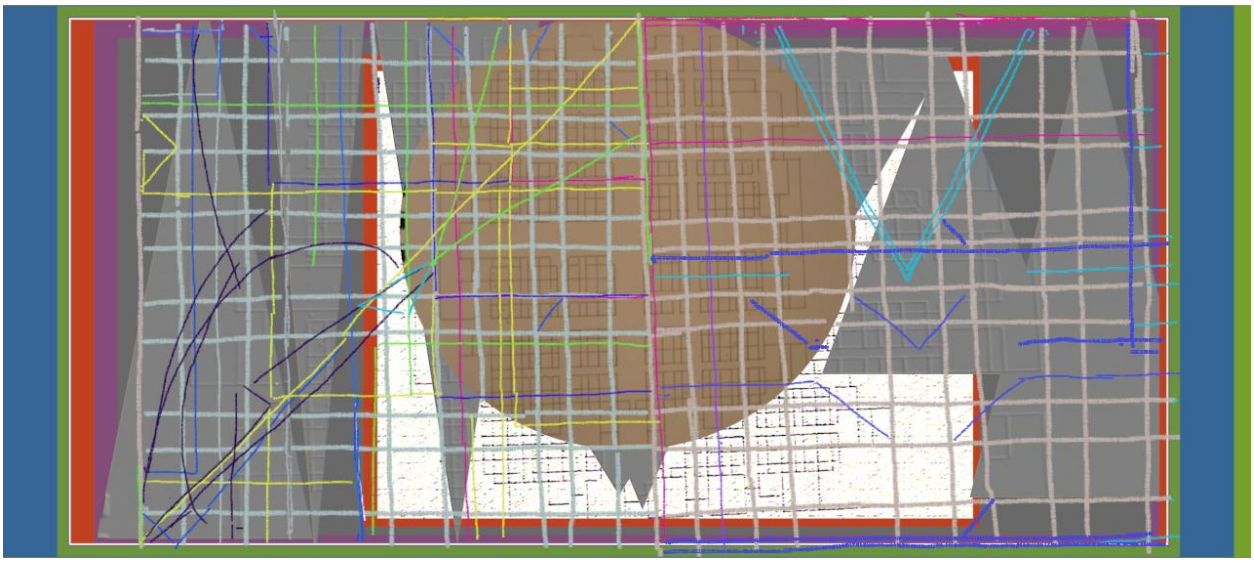
In general then I draw art into my discussion because pursuant the conditions of experience as the conditions simultaneously of the objects of experience so then does Einsteins injunction to "think things" as also seem to include therefore art objects as things and in particular as of the spectrum from poetry-rhetoric-maths-physics…

Fundamentally, the drawing relates the Higgs boson to the Higgs Field…(the Higgs boson is only a signature with a life to brief for any interaction while the Higgs field interacts with everything, nevertheless their values are related by

a bifurcation over the possible representation of the square root of two which gives a clue as to how indeed the Higgs structures mass via the Higgs Mechanism a 7.9808 to metric charge and this in reciprocal .1253 is squared .7079 which hovers between two potential value for the square root of two, .707, or .708 (the latter three times the third turn of the golden section spiral)... thus a relation between the real side and the complex side of the equation. The Higgs boson at 125.3 to metric then in reciprocal .0079 is to negative seven .927 and this squared 1.854 or three times the golden section module...

The title references Pergamon, Greek temple and associated with first Greek paper making... out of art school I worked at Gwathmey Siegel Architects in Ny running prints and learned drafting and also wrote a book on the golden section as the model I use for my work and the structure of a personal golden section grid... there I came across the work of Doxiodis an architect whose book on Greek temple sites as relating the Golden section to lines of sight is a true masterpiece... in this drawing I found myself noticing the composition indirectly echoes the odd central branching cleft of a processional which creates a balance between an orthogonal perimeter which morphs

into irregular polygons, space essentially shaped by the lines of sight...



362e7

Continued from Pergamon to San Marco or Disclosure and Enclosure per Ambit and Gambit : Gnomon Bridled and Morphed Edge to Ray..

If one considers the positioning of the viewers eye as shaping space in the Pergamon paradigm the adjoining spaces are weakly coupled and globally viewed whereas in the San Marco Paradigm the monks cells are strongly coupled to the buildings calendar like program and the quantum corrections so to speak are the identity of the frescoes in each cell as spatial chapter in compressed and personalized reading into potentials...(vows of silence enforcing this!)...

Up along the way...

: the lattice construction of diagonals (of embedded forms) measuring H to its value at sides of composition as simultaneous measure thus an exceptional point in time via the torus. On this then the variegation of a lattice will be the differential status leading to fuzzy numbers, fuzz balls and the strong quantum correction modes or tunnelling whereas moduli to partons in distinct kernels allow the differentiation on manifold status thus image and kernel to the composite mapping...Then the spectral and automorphic modes open up the Langlands Project to the String Theory Critique...

Relative Witten 3 point diagrams

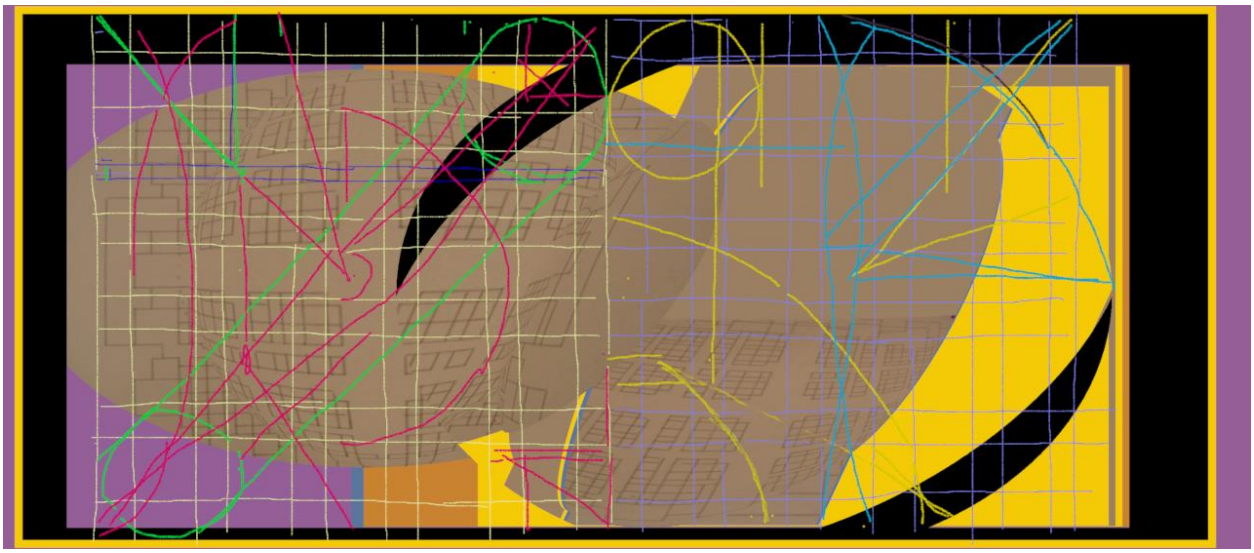
Do I see in this diagramatic method a kind of evolution from the classical representation of a torus via a planar origin somewhat similar to a gnomon which rolled and pasted indicates n levels also upon which a shifting of the diagram to splay over corners jet like proportion differences closer to Conformal theory compared to the original more AdS sympathetic sheet towards the rolling and gluing?

https://x.com/i/grok?conversation=1995738673422176542

Pi and Soliton Instanton Gas Tunnell

Does a soliton have an inverse space like a Jackson Pollock calculus (or gas) which as becoming more adroit in smaller scale motion affect the whole so the conditions of experience simultaneously those of the objects of experience permit as it were an instanton tunnelling of the singleton via a displacement of the center of vacua and the non linear dimensions of the infinite and finite wraparound each other or codefine? The drawing makes this hypothesis through an edge to center morphology where the gnomon like origins of a torus studies this scrolling to a view of the ration .1056 centered as

the gap between the square root of 5 twice applied in a square this ratio times three as the reciprocal of pi become constructed into the quadrants then as a study between the unit square and unit circle as party to a sinusoidal entry on complex space... and into this concadence of basis vectors the drawing considers the side lengths of polygons and the rotation of the quadrants where the value of pi divided 4 as .7854 has as complement .2146 or the reciprocal of the Feigenbaum...while working into jet like structures the radial divisions which as bundles configure Calabi Yau space to those mirroring of conical jets...



363g5

The Zen of Running Grass and Quantum Snowflakes in the Dedekind Quotient Space through AdS /CFT Strong Weak Duality Linking Clifford to Cayley Dickinson Constitution through Hyper Complex Variance and the Module Interfaces in Pseudo Snowflake Variation and Quantum Dots.

The Drawing here submitted follows a series of questions as found in the ordering but they coalesce into a premise or foundational hypothesis/question which like a previous project than in another context

studied Monstrous Moonshine or the relation between a physics constraint and a sheer mathematical domain is in this present case considering the Nature of The Dedekind series(the next projected number of which is so large it would take more energy computationally than the sun has although that has of course grown older and wiser...)...to the general condition of AdS/ CFT in which a relation between Clifford constraints and Caley-Dickinson, perturbative vs. nonperturbative demonstrate a dual relationship towards duality itself by which symmetry and chirality pose a difference which "duals " to a comparatively useful stronger or

weaker scattering solutions of standard particles versus string theory domain...It occurs to me then that the Dedekind series which at first blush seems entirely of mathematical origin... and establishes a progression through polytopes presented then to their continuing exponential progression thus the huge leap computationally in short order actually pertains via their locations to what are essentially quotient spaces as thus the cross sections as well of both string dimensions and simultaneously the "quantum snowflake" domain recently developed by Zeki and Burcu Orochan ... which uses this mode as error correction via fractal mode linked to entanglement and superposition... in

relation to this then it is also of interest for me to consider the Dedekind Cut wherein the rationals and reals are related by a dynamic marking of placing irrational numbers as markers and this is proposed by Dedekind foundationally on the square root of two as that carries the information of its structural diagonal to viewing ratios, and the diagonal of the oblong crossing this also one note is then that of a log symmetry thus dual to bilateral...thus for my purposes considering the earlier project structuring Monstrous Moonshine to the relation of an embedding of Pi within the golden section I may continue that observational system by substituting the golden section as the irrational of

interest and which has the like stable relation to unity... the reference in the title to running grass has to do with the Chinese free style of script the naturalness of which belongs to the artists personality and indeed may not be legible to others but on the other hand ones personal writing may be more legible to one than the labored clarity of official script...similarly the emergent quantum realm seems to relate an ongoing dynamic state of multiple potentials not existing in the linear arrow we like to project by measure and association, and the measure makes of this a halting like pace over the dynamic leading to the slit screen experiment anthology... thus

the Snowflake critique structurally relates a sense of fractional field cross section as polytope to also entanglement and superposition towards studying the morphism of quantum realization... in relating this to art and language as is my natural domain of structure...I suspect that Duchamps Glass has in the Malic moldes and the Scissors, the Oculist Witness, the Illuminating Gas and in subsequent projects quotes as the roto reliefs and the Given a view of The Dedekind cut possibly then as the supposition towards which grants a "dictionaries and atlases" approach in relation to surreal and hyper real mathematics... and also I note of Morandi, who seems

the most metaphysical and quantum like artist of all that the characteristic oval he borrows from Braque is a lemma he shares with Boromini representing the idea of a quotient space modelled in that toy world.

From Langlands Project to Quantum Spin Fluid Pre to Post Spectral Pi Gas and Fano L Diffeomorphic Scape

:here the given and the waterfall find Swampland...

If a homology across different dimensions might entertain over perhaps membrane like differences one

might conjecture of Fano plane forbidden routes suggestive of dark energy, are there envisioned quantum corrections over dark energy suggestive of such things as time crystals or spin glass evolving away from the ctrystaline to also morphological and analytical differences linked to vaccua and AdS CFt duality to some degree for example where a three point Wittkin diagram structured to Fano l according to a wheel of potential differences early place as morphological pre space with later effects on these orders in their projective but also evolving potential... in the diffeomorphisms towards category theory projecting the Langlands project essentially towards

quantum corrections relative spectral origins...

Where the Apeirogon relative tiling marks vacua to place as not the case of an emergent geometry... what then is the case of an emergent geometry....

A chaotic whole to coherent geometries feeds a partial view locally chanelled...local chanellings...

supposing aperiodic tiling preserved local coherence but not global, ie quantum like...how would the structure of each incidence as something like the laws of a

vacua relate to Teichman Inter Unversal theory as concidering geometry as collapsing to parameters where torsion events of fractionals confine, does a universe open emergent geometry of is it the siting of a neighborhood and cycle differentiation?

Question : a lattice of structures which deform as they go plays with the number of possibilities and degrees of freedom introduced... if a lattice of introduced number groups (completely different domains as successively say reals, hyper complex, itto calculus, quantum garden varieties, piadic, swampland, generalized exceptional geometry or in general varieties of topology, mathematical physics ie string and functional analysis all modifying each

others differences is likewise introduced, does there become in time a status of the undecidability theorem so to speak in which the structures own history may have a selfmodifying aspect continuous on its own shadowing and leading zero so to speak of introduced theurum field? Ie which leading order consistence is introduced and to what degree is guaranteed over what circumstances?

The Octonion has a neutrino like chimera identity which takes me aback... there are the forbidden routes suggestive of dark energy a bridge between Cayley Dickenson and and Clifford, the Gellmann history towards

particle physics and 8 fold way, an identity which seems to bridge into AdS/CFt strong and weak duality, a relation between spectral and automorphic form and double or more duality resource and reviewing the Kingdon(Cliffords middle name) perhaps a middle road yet over these ie the Moufang structure seems to group relative Z or the diagonal which places in my minds eye a linear mean carrying the information entangled so to speak symmetries collapsing to chirality while carrying the diverse quantum chaotic history of orbital angular momentums encoded or frustrated such that a ricci like condensation to center may explode back out like the big bang and produce

a generalized wraparound structure with a certain asymmetry relative a symmetrical shock wave which together create kind of neucleo synthesis on the numberline or a numberline over nucleosynthesis...

How might one link Bravais lattice structure , in its variety and deformative capacity , k3 surfaces, and Octonion relation to higher dimensions in a physics context

? : considering the suggestion of an artist that "I don't draw things but the difference between them" the comparison of bootstrapping to the higher dimensional necessity of reading

wavicles for example as field valences creates the aspect of reading a limited constraint where the constraint is the boundary on its own condition of information-as -force by degree, by introduction, and self modification as a wrap around motif of mathematics as the power of decoration to evolve an open set within which are arguable degrees of determination regarding determinants to their images... one describes the evolution of ones one idea at all times?...

one can infinitely extend the hyper complex numbers and so one wonders if between particle and string dimensions

the Dedekind numbers may reference string compactification potentially?

How does the Dedekind number count anti chains? We see that the Dedekind cut in another context gives a view on the structure of the square root of two which will find a relation to any ratios hypotenuse and so initiates as it were the idea of mirroring as factoring just as a painting might show elements in space which formally mirror each other also reflected in mirrors which reflect mirrors also... likewise then considering the nature of symmetry as a Hermitian, symmetry as allowing transpose or change in order, thus a comparison of symmetry and chirality and then again symmetry as either log and spiral like or bilateral the idea then emerges of duality as that in itself relative duals or structures which relate to duality, for which we can provide respectively the offsets of Cayley Dickinson modes and Clifford numbers respective to Octonions and hyper complex numbers and the strong weak arguments of AdS/CFt theory and the relation of U to S and M symmetry accordingly as well... we see the number of elements in the Dedekind as geometrically recognizable to 2n growth which stands in relation to , over these differences the exponential growth which in in itself over a constant would be an image structure but over these 2n

constraints has it would seem those even denominations potentially in concert with odd number subtractions of each polytope base towards perhaps some relation to the Dedekind cut to throw in a conjecture.. but the net event of interest seems to a potential to visual higher dimensions originally framed as hyper cube as really more like an extended bundle or jet of these oscilations which come to terms through their complex editing on these rays as a quotient like space in higher dynamics subject to this rather S and T referential takes on the radius...nevertheless It would be most helpful to get a better idea of how the

Dedekind number parses its growth to state its kinds?

can string dimensions be compared to polytope cross sections corresponding to elements doubling in theDedekind which it then treats exponentially in the sense that perhaps the dedekind are quotient spaces and these reflect in the string landscape?

Drawing: the growth from gnomon to torus demarcation expressed in a reference centering in Witten Diagram reference to AdS/CFt duality expands

on the idea of duality to relate the infinite growth of hyper complex numbers to the Dedekind use of a polytope count comparable to string cross sections of which the Dedekind parsing to a quotient space gives that land marking to the String scape. The structure of bundling and jets as they relate to CY and K3 surfaces in relation to these project this sense of imaging higher dimensions.

From structuring the Dedekind cut referential to marking real to rational numbers via irrational representation as floating limits using the square root of two in his representation (the number gives a relation to unity intersection of

the ratio via z the diagonal placed there and this intersecting the diagonal of the whole creates log or spiral symmetry as the symmetry dual to chirality optioning transpose or reverse ie Hermitian context : therefore for my purposes I initiate as well the golden section representative of the irrational for its strong link between unitary and modular progression as an intuition of normalizing .

Accordingly, returning to an Art and Language view on say Matisse's take on Einstein of "Think Things" interpreted " I don't draw things but the difference between them" or Heidegger of 'what is a thing" taken to the being of being as

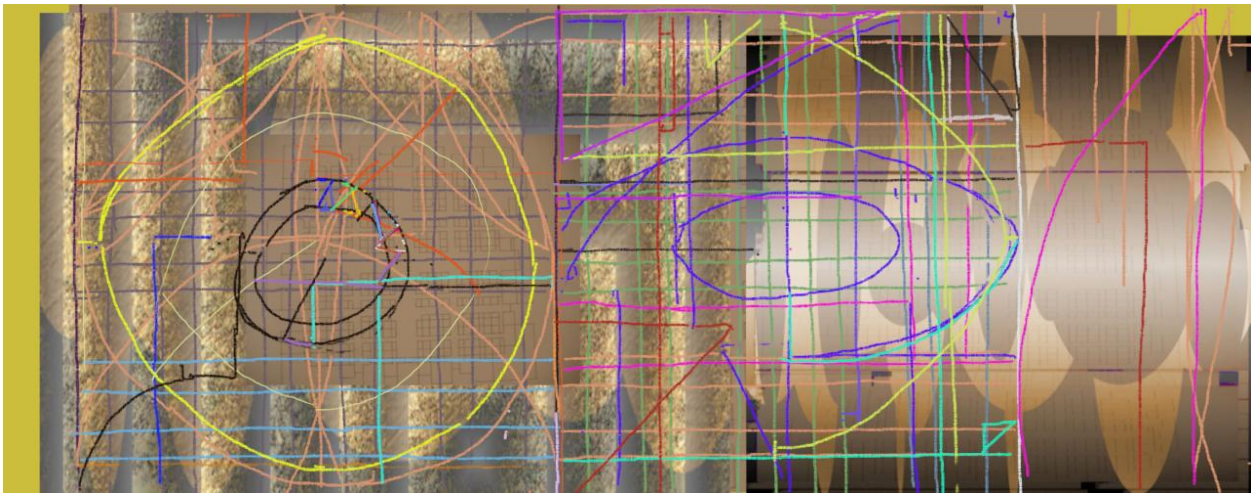
being motivates in our case a sense of the key of z or the diagonal as implicating the mean as the meaning of meaning....expressive in that diagonalization and its many contexts of mode and expression...

what are some of the best resources available for learning about QSA the quantum snowflake algorithm? Naturally, I wonder if the application of fractal decoding leads to a relation between Dedekind quotient space as receptive to the parsing of those cross sections which in variety could be as snow flake denominations in extension space of string theory and vacua with evidently the nature of measurement

being to seem to implicate the order of multiple potentials resourced in the transit which naturally evolve or correct over each other but which at a measure become a halting pace so to speak like the difference between ones natural handwriting in a "running grass" mode which the author or artist may find more personally readable and the more careful "Official or Scholar script for distribution" which the author might find himself could take or leaver per own reading....

In the drawing using a field of related golden section proportions I first created a gnomon structure and glued this into a torus form in which the ratio

of the summed elements of field to the ration of the torus are expressed in the diagonal circuit where a split of the group to the whole is given the general representation structure of a Witten three point diagram and in in relation to this hypotenuse, h, or z values of the golden section form are related by that ratio indicator to the ratios of the series of the Dedekinds series in their progression...



363i10

Under Piero De La Francesco's Higgs Hat:

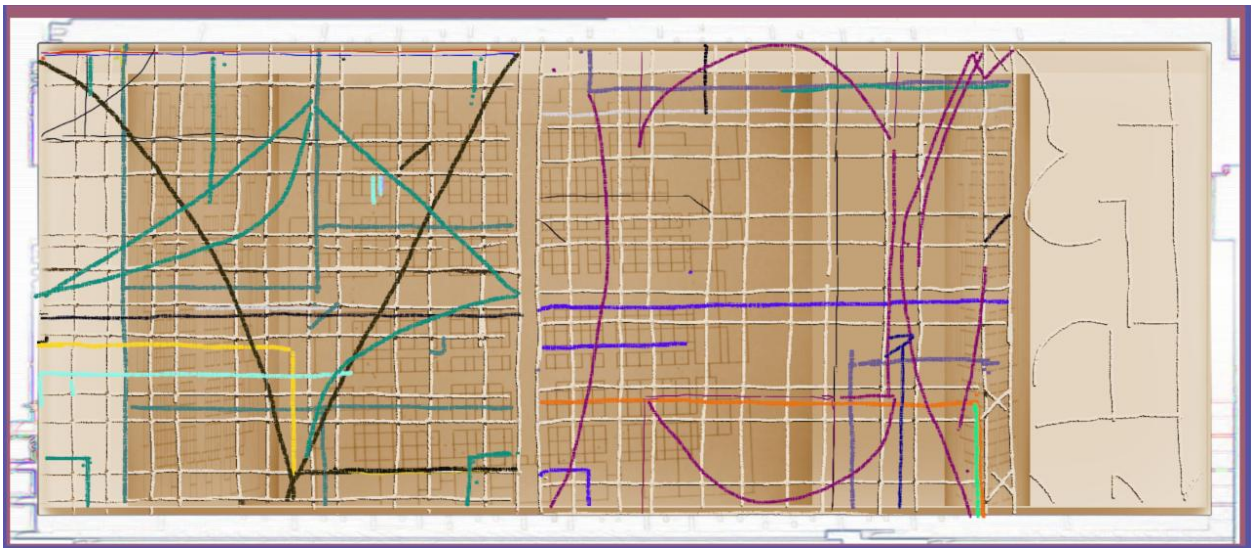
Many Body Dualities of the Improvised Norm of Drawing on the World Sheet Through Membrane Waves...

: world sheets and D branes may be either convex or concave: so considering membrane waves might this include a version of of convex optimization where a dualism is instead of repeating a kind of Cantor tree instead finds on a k-3 surface the membrane wave like transform introducing then directly the convex optimization on the k-3 surface... in general it interests me that Frolich-Morichio- Strochi appears a strong foundation behind Witten's premise and so also then the proof over the Geometric Langlands Conjecture...

Is instantaneous in quantum terms a compression of state per time and/or space or is

it entirely a hyper contextual term? (probably the latter) ... which bring everything all in all to the Higgs... looking at the vacuum expectation of 246.22 to metric as in reciprocal .00406 as then to the negative five will be .708 (which is the sum also of the third turn of the golden section times three ie .236 times three.. this is one of dual readings square root of two which could also be .707 thus the two have meaning towards the complex distribution as odd and even... might this fact in itself have to do with usefulness as the Higgs distribution.. one has seen that the Dedekind cut studies out reals to rationals marked by the irrational particular square root of two and next his interest turned to relating period doubling to exponential domains which we have seen we might give over to surveying quotient degrees of string space and that the Snowflake algorithm would at first blush seem to be sympathetic to in dynamic cross sections mode... we have seen that also the convex optimization dual might be reconsidered as direct transform of K3 space and to CY then... observing the rotation scheme of a

plane of construct to convex optimization as it circuits the Bell curve it at zenith or vertical formation covers the half and strikingly suggests to me that perhaps the square root of two as covering period doubling has some pertinent in relating the Higgs field to the Reimann conjecture?

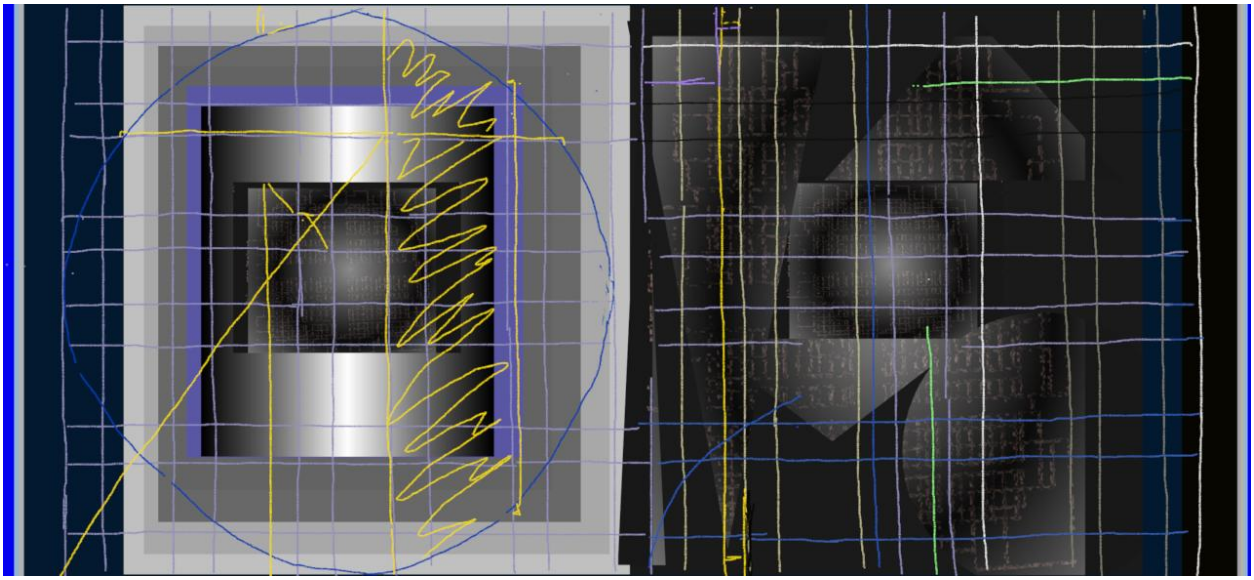


363k4

Josephson Junction and Casimir Plate Entangled to Bob and Alice:

Strictly speaking: two entangled protons must be essentially non linear Josephson junctions... in the drawing then modifying the architects dimension lines to the surpass of a circle helps me guide the thought where then the disjunctions on the golden section grid where degrees of the spiral plot differences between areas these can space linear gaps between the linear gaps essentially Brillouin zones that are dual to Casimir plates... so this

drawing helps me along the way to think by creating my version of a Witten 3 point or a Feynman diagram which for these purposes are meant toward relating the variety of mathematical fields which can prime the variety of physics and mathematical duals .



363L6

Bridge and Bowl : Bow and Lyre

Like throwing a pot on a higher dimensional pottery wheel to re-join a very early idea of mine the links between emergent dualism marking or bridging physics and mathematics can perhaps be traced to a word thought evolution in the combinatorial language bridge between Greek and Sanskrit appearing In the Heraclitean fragment “it is an attunement that turns back on itself like that of the bow and the lyre: The Heraclitean “fire” symbolizing flux in something

which symbolizes itself (thus for example the interest in Conceptual art toward words which define themselves like “question mark” has roots per “phyros” or “fire” in the Sanskrit Puranha, or bow or alternatively bowel and apuranha or “ net” (ie a game net or combination of all such elements) of which the word “critique” broadly roots in “annihilate” or” analysis “as extension of the anhara term all subrooted in arhat or breath…(arhanha)… also:uruanha or orange is the primordial orange of sunrise goddess of creation…

Standing Waves Out from the Russel's Paradox Gift Shop:

Intent: As realization in art of a construct dual of quanta between a golden section grid and the Planck physics relative string dimension per Harmonic Quantum Oscillator.

Chessboard of the Gnomon: the drawings broad view is to relate the system of duals in physics overall to the priming of attendant mathematical fields in their own lattice of assimilation...

Exploding the Wave

When the string dimension is primed to the Planck level and phenomenal to the Harmonic Quantum Oscillator antecedent quantum Hall and Goldston Boson memories to come how does this Singleton appreciate our toy landscapes? In Versoro algebra for example the infinite is coded into the finite...the drawing itself discovers that sometimes the answer is right in front of you...how so?

The drawing is a golden section grid lattice Hermitian quincunx of these differentials that may enlist log value to find a string width in

discrimination of shape plot (orthogonal). The value .1056 is the difference between the square root of five twice placed in unity and .0156 is the reciprocal of 64 or perfect square per 8 and is both the near value of the simplified Planck and can be inferred from the Planck itself as a wraparound e.g 6.6203015 shows .015 to 6 the wraparound .0156 and .62 close to .618 mirrors the fact that the golden section grid has its own quanta ie .0156 divides the surface fairly evenly and from .4472 the parent form of the section as reciprocal of square root of five is

from .4472 the seventh turn of the spiral... .0156 then is the exploded wave which bridges the event of harmonic quantum oscillator as itself a blow up of string dimension at the golden sections surface and this I have also related to the Dedekind as an irrational marker towards that quotient space which may be considered toy landscapes over string dimension cross sections as polytopes...

nomenclature: we review a term astronaut on centuries long voyage playing chess with a computer on

earth... in the Caroll Book there is a dream featuring small and large chessboards being placed kitty corner and changing dimensions each to each along the diagonal...(mirroring the Greek gnomon"that by which things are known")...a mathematical diagram basis of Pythagorean theorem)... Thus if we were to have astronaut and computer playing n-dimensional chess by a teleportation of the information and a piece taken was indicated by a kind of accompanying dictionary slip so to speak in the spirit of a Turing

machine... the boards themselves an Atlas(upon their expanding and contracting dimensions. This last aspect in a sense corresponding to the dimensions compared in the Pythagorean theorem thus multiplication to one scale side and division to the other comparing as normalization to multiplication and division as reciprocal process thereby also realizing one would have the reality that certain pieces, such as knight and pawn have finite extension in any homology but the queen and bishop for example if pathologically reported in the

dictionary as if for example the description was a piece taken but no piece is taken apparently then lost in a kind of hallucination transit on a dimension the loop that should close but is open... or a sea of mobius exotic spheres of potential locale...

So, this first drawing is casting a fresh eye on the gnomon to get a feeling for my construct...

Note about Turing Machine style pathological information... either the astronaut of the computer may at some point “hallucinate” so to speak thus the entangled probability of information malaise...we will call the

astronaut “Duchamp” and the computer Louis the 16” spacecraft affectionately known as Russell’s Paradox Gift Shop”

Asking then does that model something like the differences in entropies in a cosmogenesis where partial elements of magnetism withstand any heat head and magnetic and electric forces coexist but are scattered in that profile over a more general cosmogenesis with a kind of dictionary and Atlas Turing machine in aspect?... wherein the color charge point like discrimination of quark order lattice versus the

shaping mechanism of electromagnetic forces on space time finds in the string regime of synthesizing duality of physics symmetries to mathematical fields potentially primed in all abundance ,to state thereby that the artificial landscapes for example of quantum analytic devolve to the quantum harmonic oscillator as in fact a blow up of string dimension thus if not the pilot wave then nevertheless the Singleton so to speak wave form in a hyper terminology... as mentioned at outset the drawings broad view is to relate the system of duals in physics

overall to the priming of attendant mathematical fields in their own lattice of assimilation... Turning to art and language,(via the perception of poetry- rhetoric - mathematic to physics launched in the original artificial landscape of Sanskrit and it's300 or so drawing verbs over this drawings framing of writing a s dictionary and drawing an atlas expressed in print form of the digital drawing media quantum dot... Duchamp astronaut as opposite computer in the chess match in sense references the glassy eye in a stringy context starting perhaps with

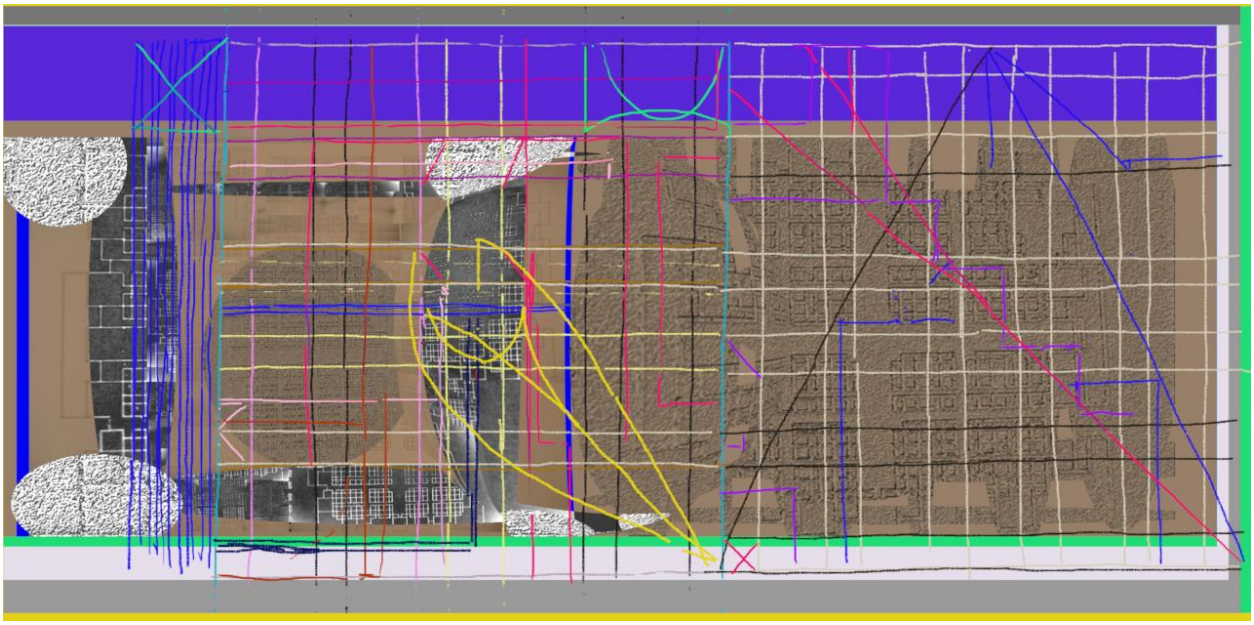
namesake Duchamps time as Librarian at St Genevieve Library and the actual impact on his imagination of that very structure...
Entertainingly we can turn to that buildings architect Labruste and his portrait by Ingres... which at first glance is an absolute anomaly in his work although also broadly characteristic. That last sentence perfectly describes both Ingres himself and is subject... and they also seem to have had an observer in Renoir approx. age 11 who witnessed the portrait drawing sitting (in the Library itself of St Genevieve where

later Ducham was librarian)... against expectation : it seems Ingres did his portraits (a catalogue of his Sympatico's and supporters and fellow musicians) in probably less than 15 or 20 minutes... it seems to me the elements of realism he imported to facial likeness within his stylistic mannerism of structural conceits was not localized but kind of procedurally a Palette or mixing moment over all the extensions of his manner of dislocation referencing synthesis, a sense you see one thing only because you see another but together they disrupt a field... the

drawing is exceedingly odd however in the pantheon of his drawings of architects and looks the prototype of Brancusi's Muse, head floating sidewise in an oddly supported space and an outlandish scarf that seems to belong to Ingres caricature of a "critic" in fact one suspects the subject looks askance at Ingres and he retaliates... both the artist and architect it turns out had in common that despite their apparent allegiance to Classicism their contemporaries had doubts in fact had looked at them askance (remember even Delecroix read and

spoke Greek which Ingres did … not. Former artist's culture was really music) .. . and his abstraction being derided as Medieval (although we would find that an appropriately high compliment) … I suspect Duchamp was aware of the portrait and borrowed the chair motif which balances the scarf via curl of arm rest as the support for the "malic molds" … to my analogy Duchamps experience of culture when he worked in the St Genevieve library was a bit like Einstein in the patent office… pursuant such allegory then finding the chess playing computer

we will call Louis the 16th forward his opponent astronaut...e.g. Duchamp... as being somewhere in the time and space of their n dimensional chess and the possibilities entangled of any moment that one or the other may be hallucinating...between surreal mathematics and hyper real mathematics...



361m4

Mondrian and Heraclitus Revisited

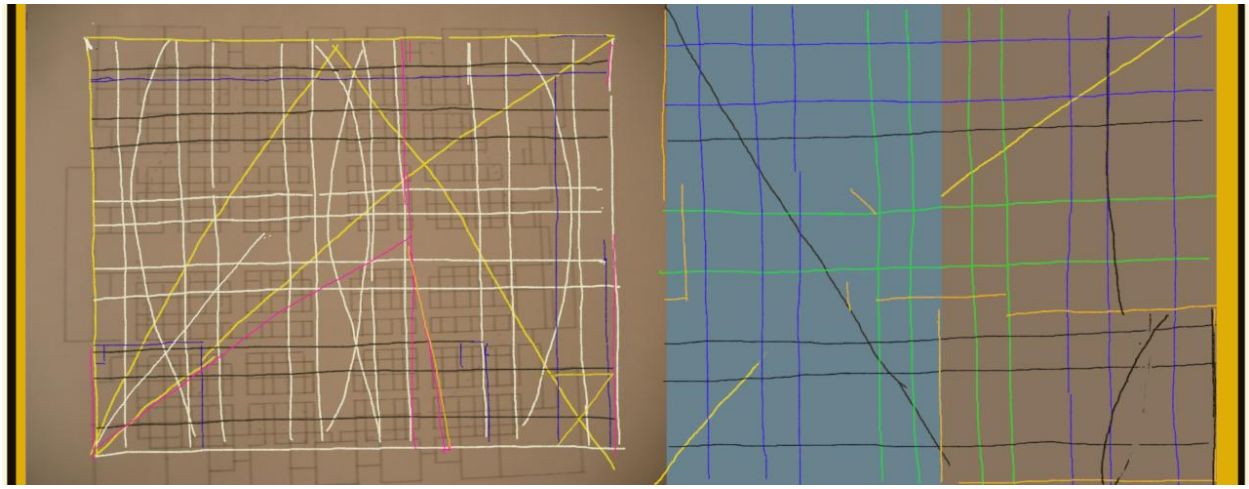
Heraclitus observed that it is best not to agree too easily on the most important things…accordingly: per Mondrian who shared his universalist instincts seems to me to be wrong: it is not the vertical and horizontal which are fundamental but rather the vertical and the diagonal… and the horizontal is implicit just as two and three are the numbers of perception and one is as Bohm phrased "The Implicate Whole:.

The drawing enclosed has also timi, fishlike or arc indications which

relate to another art and language source namely Durur's Melancholia in which the black and white representation of a rainbow in relation to a magic square involves an appreciation of dualities and a kind of prototype "black body radiation" and so between drawing and printing the drawing introduces mathematics as another language potential the cultural backdrop to this being the generation of cultural influence from Alexanders soldiers settling in India where then on the one hand one finds the Greek traces in Indian art and spreading upon the

returning soldiers tracks the sources of Manichaeism received more directly by Durur... In a Heraclitean mode the drawing poses the sleeping dog with the wakeful angel and the kernel of truth of the Melancholia is traced in the core of the philosophers stone which carries a kind of granular centering of the rainbow and a shaping of polytopes thus in our time I represent further as like the relation of the Snowflake algorithm suggesting cross sections of string vacua with regions of Dedekind cuts or rationales marked by irrationals giving quotient spaces as very high

dimensional landmarks...and linking quantum harmonic oscillator as the Plank transition from string dimensions which I find a golden section grid identifies to a common mathematical denominator of the Planck across macro and micro dimensions as the long distance and time reception of these Heraclitean sources which to work downward from a Heideggerian being of being as being towards the meaning of meaning factors out to an idea of the mean itself....



363n5

Does it Breathe?

Agnes Martin Up to an Isomorphism

: and the Pinstripe Duals

Muscles move sheaves of fibers which slide over each other: I wonder if quantum effects are like causality bundles in a kind of collective entanglement of phenomenal shifts spontaneous or direct which give a shifting composition of what one might visualize as a bundle like view of dimensions in their general over all proposition...if on a grid or as in the golden section grid I use where the differences on a square can measure against each other and a

critical value .0156 corresponding to 64 as perfect square coincides both with the simplified Planck approx. and viewing the Plank itself as a wraparound of last 6 to first 105 followed by .62 approx .618 it seems there is a relation there to the quantum realm meeting the plank which mirrors to the available golden section geometry... but viewing the general idea of a reciprocal standing effectively as a tuple as If measuring of a side to length ration and finding tuples and contrasting a division of the unitary field projected on the part as a quotient space the tuple in

contrast can be extended in ranks to a limit, where the final difference would represent the tuple up to an isomorphism where that isomorphism is the values projected from the entire field... then the goldens section field which is fairly evenly divided by .0156 and therefore relates to the Planck seems then an interesting toy landscape by which various maths in their combinatorial experiments to some degree find the kind of potentials for variance and transforms and tunnels per vacual and higher dimensions that are common coin?

Does it Breathe?

Where physics models forces and the work to be done in the conditions of experience and their objects, an art object asks “does it work”?

Or with Picasso who was born still borne but smoke blown in his face by uncle kicked off a breathing reflex towards his drawings all his life asked “does it breathe?...

Mathematicians? That would be time and space...how are tuples become groups... same as music really... the idea of rhythm, and timbre. In my drawing I find myself in notes placing the large number of physics duals on

a chevron pattern showing the split and so suddenly understand Stellas pinstripe series better, the drawing takes on the chevron motif and relating this to a kind of ziggurat is in that regard Virosoro algebra where the finite and infinite orders are embedded.

36303

Deconstructing Spectral Decomposition

Then from Poincare Disc to Einstein time space energy mass spheres of influence the Verisoro algebra and its permutations between spacetime and non space time reflect higher dimensions as sorting degrees of freedom in available symmetry held to an entanglement which sorts via weighting of symmetry potentials between a toy model of casimir like distribution or dbar to spheres of influence in a sorting relating time to scale decomposing time as it were to spatial symmetry via entanglement or in the physics model entangled protons

similarly to point like quark space via pseudo particles where the Planck space meeting the quantum sorts those higher dimensional modes to the four dimensional with Virsoro Algebra the link between infinite embedded in infinite... one might say the irregular polygons it distinguishes of string cross sections forming the weighting of its bundles and this process in the toy model algorithm relative this equation of symmetry breaking would be the Snowflake equation and I have found there is potential as well to relate the Dedekind cut to Dedekind number and weighting then in quotient space relation of reals to rationals the toy model for in effect sorting also the

variety of mathematical fields which can prime the consideration of distributions be they probabilities or geometries emerging to that blowing up of the string dimension to the quantum harmonic oscillator and in the toy world spirit of global and/or local optimization which finds mathematical fields as an extension via entanglement for one thing.

Drawing on Drawing :Adjoint Forests of Simulacra ,Duals and Dichotomies then and/or now...and printable themes

Degrees of difference in a series of Paradoxes leads their category where Russell's paradox in itself a proof by contradiction where the set of all sets cannot contain itself taken up by the Turing Machine with the difference of relating dictionary to Atlas over Loop process discrimination with some connection to the problem of knowledge as we see in the necessity to delete most hadron knowledge, one cannot take it all in.. and then the Bell theorem which is in the spirit of "up to an isomorphism: and so tends to the

condition of category theory as softening the bounds of warrant towards all potentials. The strong and weak arguments of AdS/CFt, and link by Witten over physics dualities and mathematical symmetries towards a version of the Langlands project invites the Grand Unified linking of Strong and Weak Force which according to what we have seen so far will leave open its own category as per other strong and weak relations unknown but presentable...overall entanglement being the saving grace of best argument resolution to the suspended clause.

The drawing enclosed encountered an interesting Grokk braid I will get into

but at outset describe origin generating of structure of the gnomon the clause that cut rolled and glued gives torus and toroid's to come... and over this the structure of a diamond format carrying the wraparound procedure of edge to center progress in Pascal's pyramid as restoring the outside angels to center in the progressive basis ranks is contrasted with the Gnomon renormalized as susceptible to a deMorgan creation of repeating reciprocals, while corner tables link to a Jordan block identity ... while the face sheet is a Hermitian goldens section grid of those integrals which against each other may propose spirals measuring wholes and parts and of which one is .0156 which is mappaple

to the Plank and therefore has that therefore macro to micro entry and also to string dimension by continuity compactification where for example the world sheet unrolled of a string dimension then exploded via harmonic quantum oscillator are those preliminaries to the face sheet dimension... in relation to this then I favor the idea of jet like bundles composing rectilinear ratios split over the corners of the composition and so essentially independent functions on their way to replacing vectors with a graining or weight value as projected center... and these if bifurcating accomplishing lattice like expansion in the variety of expansion... yet the visual

awkwardness of this is best met by the reformulation towards a “quiver” where the unit ball instead creates definition towards a parabolic polytope (where the polytope can be considered also the cross section of a string dimension and since potentially irregular edges of parallel transport one could reasonably propose k-3 dimensions sculptural to dimensioning CY.... As mentioned before I was intrigued by the ability of Grokk given a reduce explanation of this to ferret out the Jordan block to gnomon connection while invoking the very sentient idea of projecting relaxed constraints... in the drawing I used a ring of golden section derivatives which vary between focusing on embedding

pi, and a relation of this to the Feigenbaum, and also the manifolds natural to division, as well as adjacencies by which ration create in their immediate brackets their own extended neighborhood of spectral decomposition both towards and away from fractal states.

Paradoxical Review: Conditions of Experience over The Gnomon, Maxwells Demon, Slit Screen, Russel's Paradox, ...

...Bell's Theorem, Turing Machine, Hawking Radiation and Fuzzballs,Collider Information Deletion, Chinese Painting Near-Far, Ai Range and

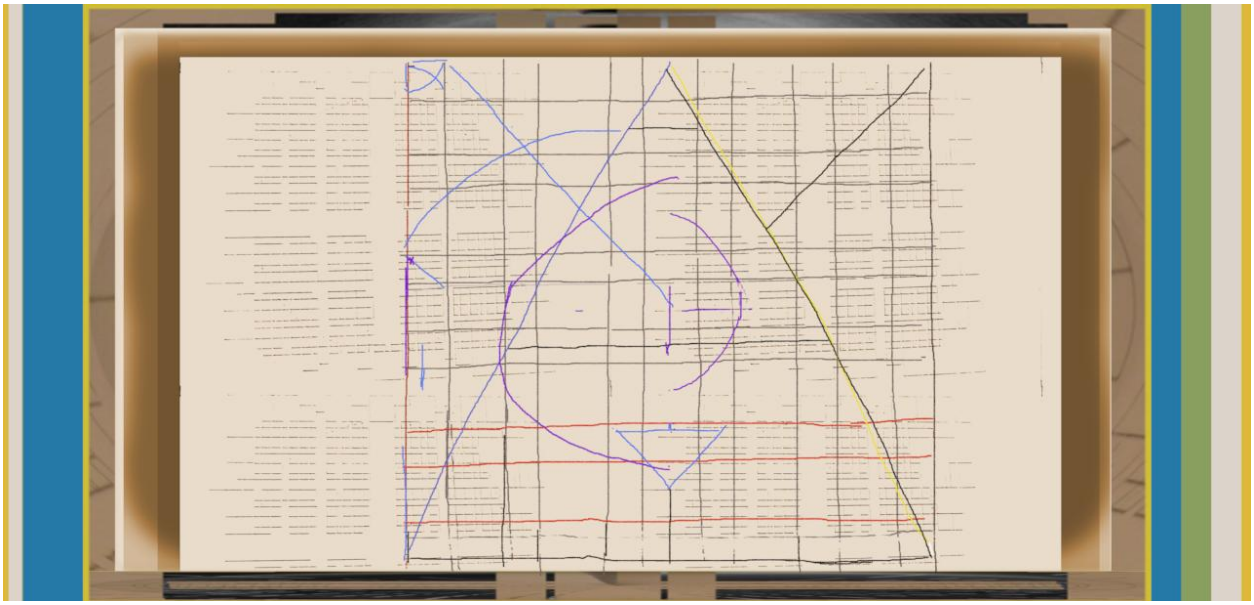
Neural Networks as well as DNA Lattice Josephson Junction... and Bob and Alice...and Einsteins Elevator with This Is Not an Apple.... The Conceptual Artist Social Legal Contract and the Physics Laws of Nature.

Maxwells Demon as separating hot and cold particles is seemingly revising the Gnomon principle which Louis Caroll show in the dream of Alice where chessboards kitty corner on diagonal arrangement change scale like the Greek Gnomon... the Demon then, as though playing on two boards places of two games played the taken pieces on the other board, and the door is the side to

length ration of a rectangle is the gnomons relation to Pythagorean theorem... the idea of a measure taken as creating an indexing seems borrowed from the slit screen experiment and the Bob and Alice conundrum then has this theater marked first in the rationale of the Russells Paradox as grouping these conditions of experience to their anomaly and seeking out of simulacra distinctions over duality and dichotomy which continue in Hawking radiation and the complementary theory of fuzzballs relative that hologram as dual, and turning to the relation of deletion to entropy the Collider gives the example of an information theory paradox, one can only handle so much

and thus there is information entropy which in examining neural networks and artificial intelligence brings a kind of natural fork in the road where group theory and representation at tree level encounter a different ordering process... in the physics context then Josephson junctions emerging as structural within the DNA Helix per subatomic structures emerging there is this enlarging of the frame of reference to the vastness of the proton connections to flux fields...in Chinese Painting the theme of near far took in the idea of painting that which is far away as seeming near and that near as far away, this seems to relate to a potential information theory over the course of these paradoxes which link

together like N boxes... question: does the Bell Theorem pertain to Russells paradox along the way and how has the idea of graining information theory so far been formulated? Einsteins Elevator of course as suspended apple in place if elevator in free fall is amusing to think of as having a painting hung E.G This is Not an Apple by Magritte...



363p4

4 Categorical Dimensions from Direct or Thought Experimental Sources Parsing Complementarity

Including Surreal and Hyper Real Mathematics : Game Theory to Zero sum as Exceptional Points vs. Infinity/Infinitesimal...

As there is the recent verification of Bohrs version of Einstein -Bohr slit experiment variation it would be well to also distinguish the operators in the summing up of what is called complementarity as it has a complex field of determining principles ranging from exclusivity or adjunctive mode vs. adjoint or -up-

to- an- isomorphism category analytic ;to simple part to whole geometry , to lastly, the conditions of experience ... The Slit Screen experiment introduced the more familiar “complementarity” ie the Pauli or Boolean is or is not the case, the Turing machine as associated with Russel’s paradox where the machine gives the dictionary aspect and Russell’s the Atlas or group theory critique of non inclusivity per set of all not including self thus the proof by contradiction is tempered by the conditional aspect of mutual relation... and Bells theorem which in

which the set of what is not known is not included rather like a mathematical (i) principle holonomic or “up to an isomorphism relaxes the states of irreducible and finally simulacra over all of these potentials tests the Kantian “conditions of experience as simultaneously the conditions of the objects of experience while giving these 4 categorical imperatives as they evolved in those theatres. An Algebraic dimension via Von Neumanns game theory contribution makes Surreal Mathematics or defined fields without arbitrary

extensions in which the game of zero sum or gain and loss towards then essentially Exceptional points stays in the physics mechanics separate from say Calubi Yao investment in exceptional point tunneling of dimensions... and so likewise the infinite and infinitesimal dimensions seem as rolled up into the string dimension world sheet compacts to vacua.

If input and output in their inverse orders distribute differentially along a mean to some degree in say Navier Stokes amplitudes and if quantum

fields are low ripples in space time and if gravity waves are low level ripples in cosmic disturbance and if electromagnetic waves not concentric because of spatial extension and if electromagnetic degrees of energy are sustained by a relation to quasiparticle phenomena and if quantum harmonic oscillator at world sheet pulled of string dimensions the blow up of string dimensions is this a soliton wave of sorts and do vacua gravity levels as subject to spontaneous chiral disruption produce own low level waves in themselves quasi solitons

over all of which does the scattering of the slit wave perception and the unifying of Navier Stokes imply an inverse ordering of their own reflections on the effects of measure internally and externally culled? Could one study out in an extended collection of undirected graphs of quantum events a geometry which reflects on this as though a Brownian motion synthesis?

2) are surreal numbers in their game theoretic linked to algebra in general if constrained to gain loss proposition towards an EP zero sum

concept, but disallowing adjoint structures at hyper morphisms of some degree a constraint, and does the naturalness over this which meets a constraint then in the infinite and infinitesimal structures contrast a kind of physics world naturalness to quantum bizarreness over which quantum graphing returns something like a hyper normalization where Brownian motion is a species perhaps of normalization or a meromorphic branch... in the scheme of things are entanglement, hyper position and interference each to each in any way

adjoint or does a principle of adjunction separate any norming over their categories?

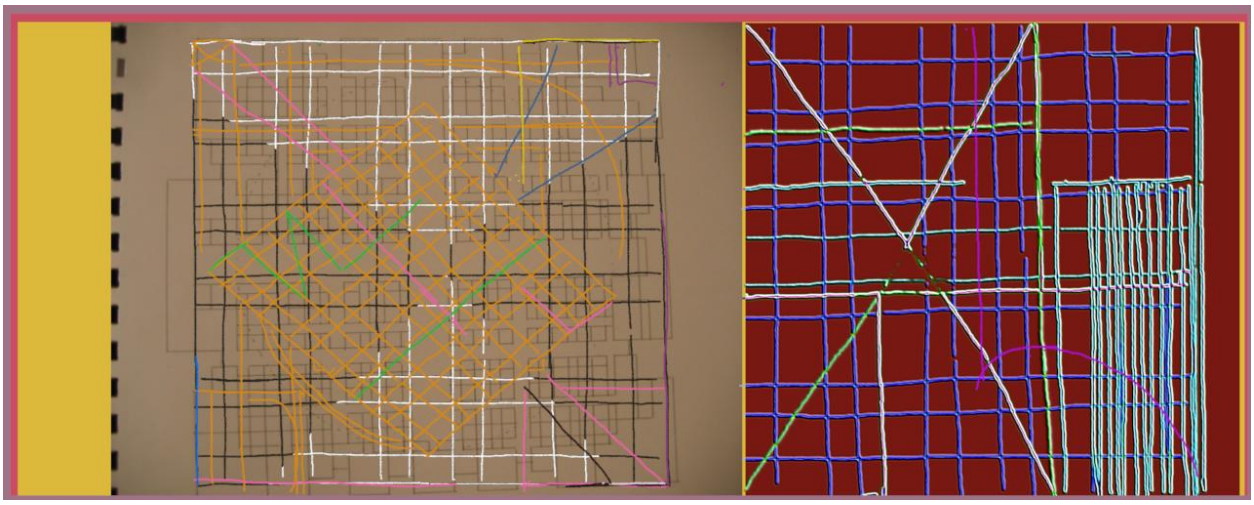
At this point I construct a drawing towards those questions as up their isomorphism and so from the drawing gambit then proceed further on the questions as the drawing engenders its verbal parallels through the questions which will occur to through the speculative answers…I can predict this much about the drawing as it's ansatz so to speak on site: it centers a diamond area over the field golden section grid of the orthogonal justified but

redraws the grid to its turn as enclosed and whole or normalized. It proceeds from a Gnomon to a torus and uses a parabolic projection origin for independent functions as jet or bundle like structures splintering the ratios at corners which merging at center from the straight line to corner then on one side give instead the one dimensional view in a spectrum projection back to center splay or array. It contrasts a de Morgan identification in bilateral symmetry to a fractal mode as a surface but poses the distinctions of log form become differentiated to

varieties of golden section ring links across scales which also can be normalized to the whole surface arbitrarily. The distinctions between characterizing the square root of two as .707 and ..708 will launch left right identifications... Integers as manifolds together with relation of half ratios and reciprocals will contrast fuzzy number differentiation. The aspect of coordinating relations to diagonals as defining ratios will build over those diagonals and include a specific class of diagonal to integer ratios of polygons as well as

primitive roots... these give some preliminary categories of the toy... for which also there will be a panel in the .0156 declension of the spiral per golden section grid (these shapes cull their distinctions by area and .0156 is the degree shared as a quanta of the golden section grid and also the reduced Planck(as well as the Planck by analysis as well)... .0156 of course is in reciprocal 64 or the perfect 8 matrix and .64 is 1.56 where .56 is in reciprocal .17854 and .7854 the complement of the reciprocal of the Feigenbaum is times four Pi...In a previous suite of drawing I dwelled

on the relation of pi embedded in the golden section so there is also that interesting set as embedded category transcendental to irrational.



363s4

I would say: that Perelman's "surgery' could be reimagined as a tension of momentum Betti to Poincare surfacing to a mean and ontologically reducing to the being of being as being the meaning of meaning as that very mean.

E^Pi^i Bob n'd Alice Epiphany...

With the perception towards the natural log that a diagonal through a square section on rectangles end meeting a diagonal through the entire rectangle will form the logarithmic spiral: the progressive dropping of the diagonal as Z or H as a unit square each time added to the right gathering momentum in the pacing of the intervals features this as constructing a motion through a unit sphere it approaches as measures by angle which have a sinusoidal reflex on the motion measured as units from the left which contracting to a gnomon region relative the circle place unit circle and square in a superposition of angle

measure and units marked orthogonally from inner left enclosure working back Feigenbaum like to primary y axis as the x axis meets the asymptotic diagonal measures and if bob has unit circle enclosure to unit square and Alice the inverse the entangled sphere and cube show a resource where in separation of information the wave like sphere is in contrast with the lattice of lattices which in space itself might manifest as point like or lattice domain of quarks and the wave function more mechanical familiar over the presentation of the square root of two to period doubling and configured per complex plane difference of real number >0 but the complex plane admitting differences

which turning to Eulers number we can start to game out what will become the differences between Hyper real mathematics and surreal mathematics the former concerning those asymptotes the latter does not, the latter admitting Eps as zero sum game elements... which surprisingly we might admit as posing K-3 surfaces warping KY duals on mirror time cones to a mobius or exotic sphere rendition which in retrospect acts potentially of the inversion brackets of hyperspheres and hyper cubes characterizing Bob and Alices information conundrum...with the natural log 2.718 description of that information we see that indicates the basis angle of projection which is the

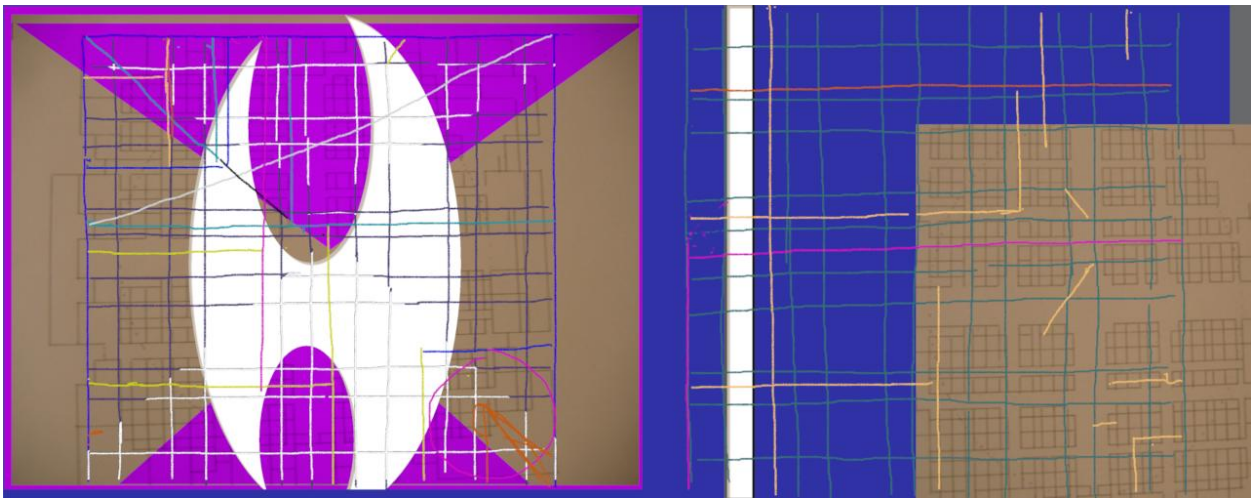
square root of two as inverse to that basis and indicating period doubling and its inverse while the .718 show the effect of the reciprocal reading the translation from the diagonal on the inner square stretched across the diagonal of the whole of those two which entangled form the logarithmic spiral whose progression in quicker succession we measure. Reading 2.7182818459 we see that brought to decimal horizons .1828 is the complement of .8172 reading ..2.718 in reverse and .8172 as 1.2236 period doubled as 2.4472 gives the square root of six as that diagonal embedded in the basis series... and l4472 the square root of five divided relative two as is .718 related to two and

its basis vector square root of two...where .708 is one of two possibilities of describing the square root of two (implicating a reading of complex directions) .718 has introduced a difference of .01 to .707... since .718 has also introduced a difference of .1 on the golden section .618 the degree of unity in the golden section and the degree of unity in the square root of two and the inclusion of the square root of five prefiguring the square root of six as we saw per .8172 then consulting the construct of the golden section which sums the reciprocals of the square root of ten and the square root of 11 and those ratio wise 11 divide ten 1.1 (the magic number of graphene lattice

twisting) or 1.1 divided by 11 as 1. Would divided by ten give .01 as a rotational difference of pi embedded in the golden section showing in rotation as .101 is the reciprocal of pi squared and the square root of golden section .788 as 1.27 in reciprocal covers this four times, and since the diagonal which is the square root of two divided by four is the square root of 8 the four fold relation of pi to circle physically and pi by calculus coincide in the stretching measured in the natural log which shows in the sine wave structured from a radius measured by Bob peer unit circle relative complex plane measured by Alice unit square where these have of course been pulled to adjacent gnomon corners. Then

various other golden section integrals kick in as one notices that the complement of the square root of three as one collects primitives is .4224 and the square root of this is .606 or .707 minus .101 where as we have noticed .101 is the reciprocal of pi squared and .606 as 1.65 regards then .65 as unity plus .5393 or three times the golden section where that backet fins in the three zero wave so to speak of decimal notation relative also hom brackets as motivating resource over left right adjoint structural addition. Similarly the complement of .606 is .394 and this period doubled is .788 or the square root of the golden section which we have seen embeds fourfold the

reciprocal of pi. And we have seen also .3679 or reciprocal e as 2.717 has is also the square root of .606...



363t3

Point -Wobble Planes As Dimensional Positive Interstitial Lattice of Lattices from Primitive Primes Twinned to Space Itself and Nets of Knots.

if you coded factorial fragments representing different dimension in succession selected in each a hom or more extended set as faithful representations thus to hom potentially modelling odd even status. Representation then the record of their set expansion would be like entry points of a lattice of lattices like a quark space informed by different offset dimensions in the offset time wave like also? That is

could you have a Higher dimensional Hilbert space constructed on “overtones’ which the distribute say factorial fragments in a code and indexing across dimensions and in an entangled state the analog perhaps of fuzzy number tunnelling and thus a lattice of lattices such as might show in a point like quarks space of that degree we might closest call space itself..

Since a series can have two elements and two and three as unique primes have a unit interval which can as a dictionary also list the full case of the unity of the unique set of two and

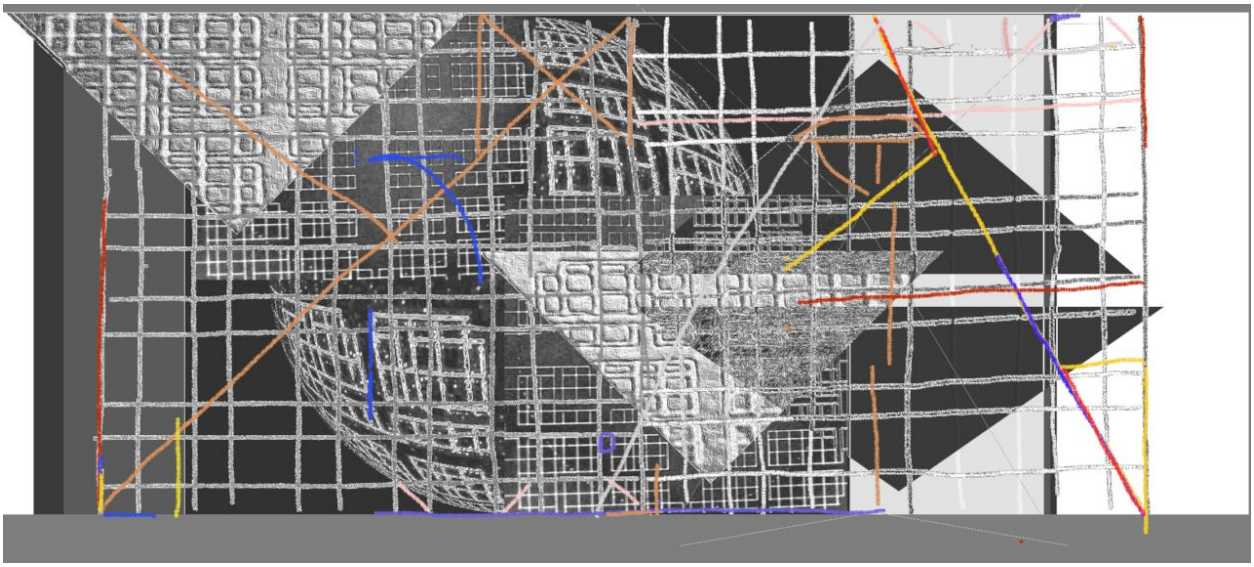
three in this primitive prime the spatial interval is object oriented in the dictionary whereas in the twin primes the condensed interval is the unit case as an atlas over the stretching of the dictionary to become an eigenvector at an eigenvalue which linking dictionary to atlas is a kind of exceptional point.

The twins at hand: 11,13

41,43 , 71,73 ,17,9 have per (ll,13) three times four minus one and four times three plus one... or two represented period doubled as its recursive wholeness ... then (71,73) is 18times 4 -1 and 73 is 24 times 3 plus 1 meaning

that the dictionary lists the atlas and the atlas the dictionary because the unity difference of one between two and three gives the left handed operator, 2 the identification of the interval (as one is a problematic number) and this becomes an eigenvector to be scaled in period doubling to four modules as a one category eigenvalue while the twin will scale three (from our original numbers of perception, 2,3 also unique primes and one being y a basis or primitive of i...(i then the "left"operator)...and the multiples of three also find three the

‘right”operator… and thus the atlas as multiplied becomes the listing function and the adding or subtracting of one is reflexive on the problematic unity clause… the also for example 41,43 43 is 13 times three pus 2 and 41 ten times four plus one… and so on….



363u2

In Search of the Unknown Hermitian

Motivating question concerning the potential of a Hermitian Golden Section Grid a I use it :

Is it not possible that if Dededkind cuts and numbers analyzing number theory are concievably proximal to some

comparison of Sporadic Group number or group theory these are broadly potentially reviewable towards any structure in the Gue motivated by those relating prime distribution in RH and also analysis of Reals structuring imaginary? (per Unknown Adjoint Hermitian)...

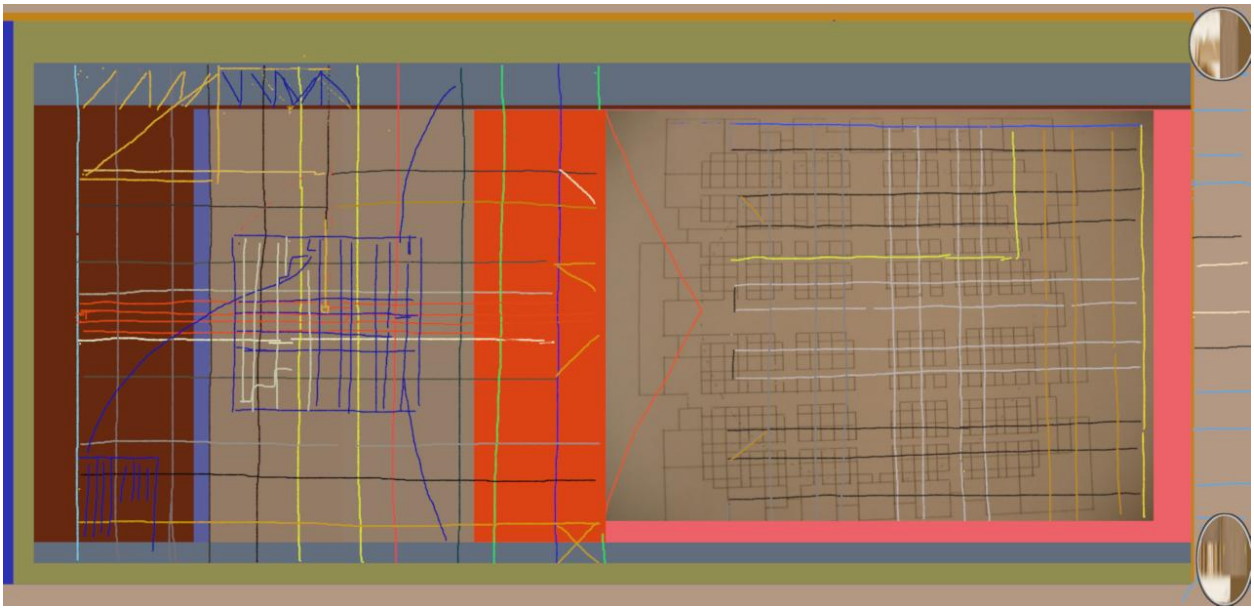
(Gue = Gaussian Unitary Ensemble random matrix distribution).., which

adapting the proven symmetry and densit of number line via Dedekind cuts and numbers featuring analyzing reals with irrationals as markers)

The Hilbert- Payla contribution towards the Reimann Hyopothessis suggests that an unknown self adjoint Hermitian Operator could make mark the imaginary side of the complex plane as structured to real numbers and this would be a proof via Gaussian Unitary Ensemble: a symmetry value of number theory and similarly then The Dedkekind cut and number related number and group theory while also we have seen Witten relate physics symmetry to mathematic in

constructing AdS/CFT form of a weak-strong structure over dualism... I am interested there in the golden section grids of spiral intervals as distances creating a golden section grid of these differences in Hermitian forma and the result that one value, .0156 which is the reciprocal of 64 or the perfect 8 by 8 matrix is both a quanta which perfectly covers the surface and the same number is essentially the reduced Planck while also the Planck can be see to be strongly related ie the last digit wraps around the first series as .0156 and the decimal value is close to the goldens section ie .62/.618... in my drawing then I pose the grid with a recursive centering on the idea that i to the fourth is one and that

values of such a centered grid may use that operator to reach unity times any number constructed on the grid per its own principles of golden section involvements all of which will be irrational ... and since the irrational numbers are reals these terms would in this case be the Hermitian operator sought for...



363v7

: Sympheron: or advantageous paths of emergent decupling's.

First: is Expansion a form of entropy...? Simply put ,I have so far placed a view over the expansion from four primary motivating theatres of experiment and a succeeding set of four categorical imperatives merging towards category theory in which the branching of mathematical fields prime the resource of the conditions of naturalness over all... yet as it were subtending the Hilbert-Einstein Non Action Principle of containment

per isentropic process the inroads and resource (ie to what degree do you study fundamentals to find questions and to what degree do direct those into the AI research in what will become a recursive cycle?... design follows function follows the axioms of choice

evolving...interestingly, one must return to the source of European languages in Sanskrit which was an "artificial language" not natural but designed... for within the 300 or so words for drawing it has, are found the roots of the directions machine learning may graph its

understanding of language and then over this is the migration field of rhetoric , mathematics and physics... for example in rhetoric there is the history of distribution of view in say Greek chorus, who is speaking, what is repeated, end middle or beginning and how do these terms parse, phrase, present to understanding modes of the evolving question.... Followed by mathematics then in distinguishing the like over group theory, probability distribution, category and analytical structuring etc... and in physics the studying the naturalness of the conditions of

experience, the idea of naturalness strong bridge to mathematics…

In The title's reference to the Flying Dutchman I imaging the ship found floating with sails stretched, candles and tables set, all in order and no one on board may have been a pirate vessel which had been used to gradually navigate the channels of interlinking islands which then as settled needed only smaller boats, in fact the Vikings similarly used not the huge dragon ships most often but smaller vessels between adjacent and near coasts they understood, thus the pirates may not have had

the heart to scuttle the major ship but feeling “she knows her way home”: prepare her graduation…any way, to paraphrase Duchamp that is my Hypothesis of the Bride.. (his “Apotheosis- Dada Joke) Thus … it is Category theory which “knows it’s way home”… how we visit this ship seems the domain of Quantum Geometry…. I enter here in the guise of considering Conne’s version as the new pirate riddle of this towards the idea which occurs to me that the experience of chiral shifts between string vacua could represent Exceptional Points which then

amount to Black Holes as in Hyper position between dimensions and of these the unrolling so to speak of a given dimension to it's world sheet implicating the Quantum Harmonic Oscillator exploding dimension (with in the end the Einstein -Hilbert Restriction towards Plank level sorting preventing the "blow up" from actually blowing up and so the lattice of lattices which dimensions leave a brane marker point like have a complement in the fluidity of transformation which are marked in our dimension specifically as fluid or dust and web... Conne's structure

then is K -3 genesis toward monads and quivers, ie Category moods which themselves migrate hyper integration rather than bulk differentiation from n to K as from vectors displacing forces are become linear operators in Hilbert hyper space effectively 2-theory categories of choice in the functional design category implementation ie the super-quasi- category which extends distinctions as co-definition simplifies to the relation between surreal mathematics and hyper -real mathematics...between the chirality

of physics and combinatoric mathematic symmetries reimagined.

A kind of structural rendition of the kinds of questions we have been asking might study :

As transition at nucleogenesis may by influence of fluid dynamics alter chirality would the boundary condition of water to ice harbor breakdowns in Navier Stokes whereby in general review to mathematical category theory some reverberations via considering l spaces mermorphic to complex plane in relation to the graduation of n to fspaces via a twisting taken to K

space and subsequently monads could the monad be related to asymptotic levels comparable a Navier Stokes breakdown at the barrier transition?

Per fractional derivatives the continuum is interesting because like an altering of Navier stokes water to ice at boundary conditions the compression of entropy via the diagonal as driven by categories and their next to last axiom of choice the distinction between hom sets to faithful representation in tension with tripart spectral distinction adjunctive to adjoint...

It would seem that the idea of discrepancy theory could be seen as framing the Dedekind number through its variety of definitions as monotone Boolean, anti chains, and lattice definitions: the Boolean monotone one dimensional directional like the effect of a diabolic point towards indexing and with a brane implication per n+1... where then the discrepancy would compress the anti chain as entropy?...to one dimension...while the lattice definition gives the full view of the entropy index. Then...

these quotient spaces ... is the technique for managing this related to Adams Spectral theory and suspension functor?

Similarly given quantum decoherence as losing superposition via interaction with environment not collapsing but entangled with environment becoming unobservable...

therefore it is a species of cobordism surgery comparable to taking the art term no-space as an hom set which by entropy compression of the cobordism surgery becomes both space and non observable in the pre-

space of the space but perterbable to vacua…compressing entropy to state preparation…

While studying our say universe cosmological expansion discrepancy has to do with on going differences in actually measuring we can go from the art realm “no-space’ dimension to the string no-time dimension of Wheeler Dewitt relate the cobordism Adams suspension mode of surgery and smoothing in discrepancy Category theory as embedded in string theory where:

Bruno Bento and Miguel Mintero need one less dimesion as they have

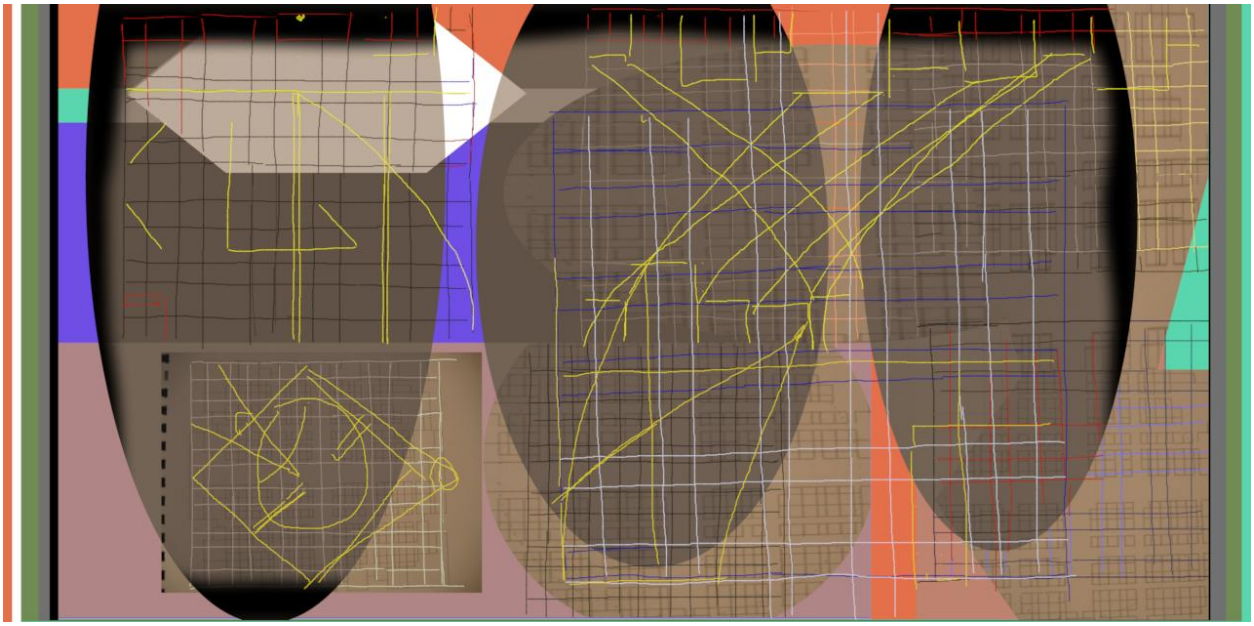
made string theory plausible to five... so with this classical discrepancy we have this one edit we would like to manage as a compression of entropy... How so?

Signed Partiality to Holism Duality:

In the drawing these ideas set forth in rhetorical question form as hypotheses...there is a kind of separate ordering into these studies of domains that have their own picture writing so to speak which I will then describe again reimagined/reimaged as here again the perceptions that follow which

state now these relative determinants... it seems to me in the course of doing this drawing that if Bruno Bento and Miguel Mintero are only one dimension away then the fifth dimension can be read as though a kind Category reading at brane level of a quantum hall effect which the grid I have previously given over as golden section construct with .0156 both physics Planck referential and normalizable to the Golden section surface as fine grain reading equivalent of the Adams Spectral surgery mode of Perelman towards reading the

healing as it were the smoother reading.



363w5

Categorical Monad. α§±

Open Cobordisms with Selective Entanglement Ports Modelling The Contraction of (“point’’) in Language as a Concretization Functor Indication per Information Inflection as Fifth Dimensional in a Speech Combinatoric Monad.

-time healed to fifth dimensional endofuctor entropy compression.

If there may have been recent progress in identifying string dimension to the fifth as nearly

available to phenomenal experience Bruno/Bentto working from the kind of Casimir force like idea I had querried about relative string values and comporting this to a kind of bulging effect influencing resonances) and remembering of "flatland" the visualization essentially of wavicles standing in for the visualization of excitations of fields then would a categoricaly monadic extension reasonably find a cobordism to be the Ricci like contraction to a point where the compactification has created a kind of timeless environment of

normalization as opposed to renormalizatin and the surgery in this case is the considered abstraction at this point of the point itself really making that tool of perception mathematically more nearly a concept to import to the meaning of localizing a resonance to a point...this unseeable referent as inflection marking interestingly the point at which language itself may be the fifth dimension equally allowable as is 'time) if here it can be reasonably said to displace time in some of the definitions of string theory)?

A first axiom for my Algebra would then be a system evolves into the state of the answer of the hypothesis of which the attractor is the undecidable array between duals as complements in the sense of adjuctive or as adjoint

Concerning the attractors: point, limit cycles, Torus quasiperiodic and finally chaotic or Strange attractor to fractal patterns and chaos regimes... reflecting boundedness, non inclusion, conditions of experience, and irreducibility stemming from the four theatres of experiment of the slit screen, Turing= encyclopedia and

dictionary dichotomy , Bell incompleteness in the spirit of “up to an isomorphism and Russels proof by contradiction of which the point attractor corresponds to Russels splintering of self reference, TUrring is in the mode of periodic, Bell is staged up to a point while slit screen relates to quasi periodic

In the drawing I take up the quasiperiodic aspect of the torus by relating it to an open corbidism scheme allowing portals towards selective entanglement... towards a general categorical monad

hypothesis that the art and language of mathematics as the language of physics takes in vai the Categorical Monad the compression in language corresponding to the compression in string theory of bulk mass to then zero time as the complement of the aritists “no space “ scheme (ie sculptures photographed with no backgouond)...and as “time “was inserted into time /space then replaced by the “points” self referential contraction to that verbal entity now the concrete operator or rather endofuctor ... The drawing borrows into the general scheme of

the Rossler attractor which gives in and of itself a seemingly analogy to an n+1 dimension.

Even more to the point I discover:

The Higgs Mechanism is a case of cobordism between Tacheon fields and others in which the tacheon condensate features the entropy of the imaginary mass which then by definition is signed the via vacua then exhibits through a cascade of excitations upon then the light cone... could I detail for this latter effect of that signature upon the light cone?

More specifically the Mexican Hat relates trap levels by which the paired complex of potential and kinetic energy mark the vacual level trap which then disappears as the goldstone boson thus virtual only then by the shifting of vacual levels creating the equivalent of spontaneous symmetry breaking then acquire mass from that status by interacting with fields and becoming massive...(because of Proton outreach)... the disappearance of the potential energy component to its displacement would seem to mirror

the non collapse of the quantum wave but rather integration with its environment where it essentially reads itself...

“negative space” then;

In a quantum like sense then internal elements are introduced which rather than pre measured are distinctions of the measure itself in a fine grain which evolve the form in a dual to that original “natural” sense of measure as being towards an explicit now, instead, a dual of assemblage.... and have a balancing aspect also to the .0156 or quanta of the grid which is same as the reduced

Planck in fact. These then become the quantum spectral geometry as they assemble. In the drawing this become on the one hand a torus with the normal T2 distictions and a pentagon center, and this to a cobordism open frames of pentagons in a pentagon shape with intervals inbetween.. and these intervals allow a selected forming of entangled and non entangled representations.

S

https://www.nature.com/articles/s41535-025-00792-1

I have been interested in the comparing of Josephson Junctions in relation to considering Protons as entangled Josephson Boxes as potentially such a feature and this is considered recently as relevant to DNA structure, and simultaneously I am interested In Coloumb interacton relative Broullin zones thus in the paper on triangular moiree systems there is the interesting aspec of the point like filling of spaces in lattice at

temperature involvement as on the one hand comparable to the Higgs mechanism where the tachyon field is described in terms of symmetry breaking although this is strictly speaking simply an analogy to the effect of vacua shifting in the same way the lattice moire is showing… the Lattice being electro static gates then brings to question how to focus the complexity of the interaction of the in fact "complex' tachyon field mass as produced to the editing of quasiparticle status become in fact mass…How is the electron relating to the Higgs mechanism in the

realization also of this unique form of matter where topological states are preserved as the low level excitation wave definition of particle and how in general does this compare with spectral geometry as understood to quantum states?

Category theory relates the compression of entropies of which string theory is it's dual... while I have given over the proposition of the 'categorical Monad" as enabling the idea of a "point" to become the zero ground representative of "time' where the gravitation compression

has become timeless in string theory, the idea of a Point then categorical related as the compression assentially of a brane to a phenomenal nearness with a hard preparation in fact via the construction of the quasi particle and this all the more where complex mass in the tacheon field referent subtracts the vacua as the effect of field cobordism and the function therefor of the vacua as rather like the number " I" and the transformation in the relation of kinetic to potential energies in Higgs mechansism then has the additional

reference of the Triangular Moiree phenomena where the electric static gates at temperature extremes modify towards a Coloumb like energy status over the previous energy level combings which were essentially like the Higg trap variation which in that case via diffeences in vaccua level produced the goldston bosone subsequently encountering its mass as bestowed in the cobordism which displaced the vacua level the analog then in the triangular Moirre lattice is the flux state itself now subtending the metric as again in another case the

point subtended time and in another the quasi particle subtended the particle... or in yet another the vortex anion responsive towards the directons of hyper charge sorts in relaton to the alternative Fibonacci anion as two repreentatives of symmetry...in all these cases , retrosprecively the spectral manifest is it would seem the Categorical Monad which as a language construct over order demonstrates that the hypothesis referred to in each clarification over natural orders in fact refers to itself thus the direction here is over the Russel

Paradox and the solutions essentially towards managing adjuntive to adjoint relations in the choice of axioms fielding of the Adams suspension and Surgery modes of Discrepancy theory... all of which to quickly review towards just warrant are a naturalness evolving over an artificial language, namely the Sanskrit which is the structure of European and many other languages which was a designed language for formal communication with for example 300 words for drawing ...The use of Greek origins for words then has more deeply to do with the

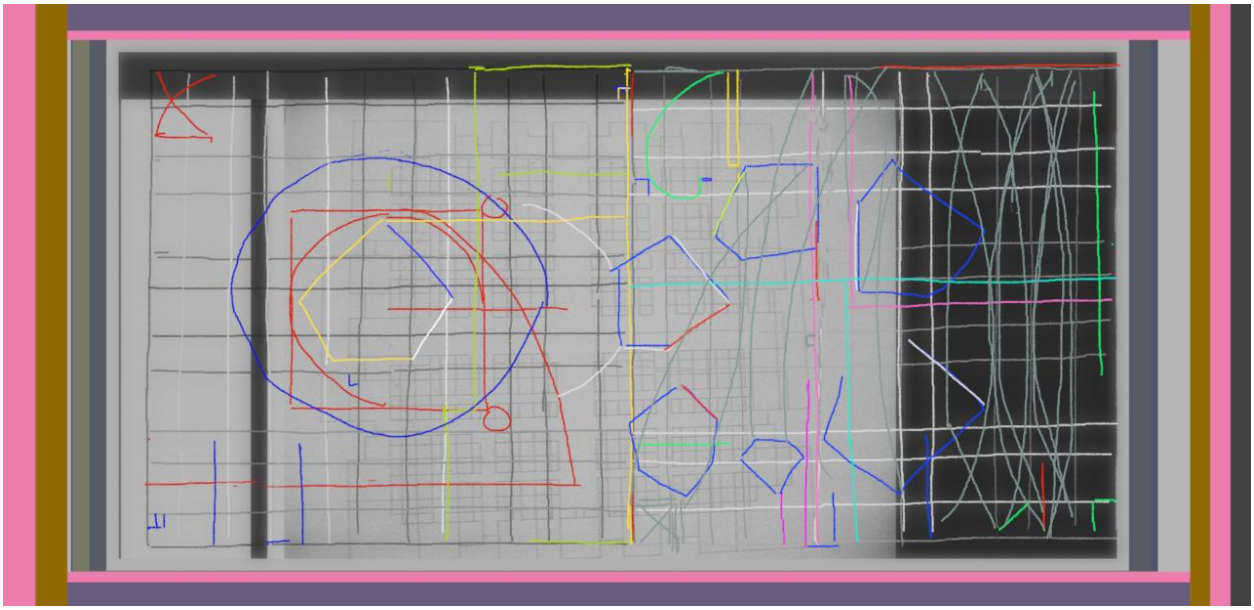
relation of Greek to Sanskrit and then rather than an enumerative repository the reference is to the dynamic fields of "drawing", drawing an inference, drawing near, drawing far, drawing together, drawing a person out, with drawing, drawn out, drawing upon, drawing conclusions, drawing doubt, drawing an analogy, drawing a plow, drawing fire, drawing outrage ... and so forth. More specifically: the mathematical and physics dual pertain that for the former the uncertainty principle that no mathematical proof can sustain upon only its own axioms, and per

the latter position and momentum co-nondefine... therefore the Categorical Monad across String Theory and Category Theory relates the adjoint to adjuct via entropy compression in which verbal domains must be recognized as mapped onto numerical and physics naturalness must relate to combinatorics and analytic functions to endofunctors to monads to...

As an artist I encountered these territories via an interest in art and language, for example in Conceptual art is the interest in societal legality that is, what are all the permissions

required to function and how do these represent the social contract… while in physics there is the question of the relation of naturalness to the Standard Model… Long ago I came across an interesting group called the British Minority Languages Group which deals with the strong differences in local dialects, Welsh, Manx, Guinea, Scottish, Irish, North Cockney, South Cockney, Cornish, and others so different that one and another simply can't understand each other for business… and therefore it struck me that the UKDrawing Research Network for whom these

many years I have published many articles (some on Monstrous Moonshine currently) offered drawing as a cross cultural language... and then on reflection considering the model of Finnegans Wake in which each word of the book is a pun in 8 languages I gradually came to my present rhetorical questions per the Categorical Monad. α§±



363y5

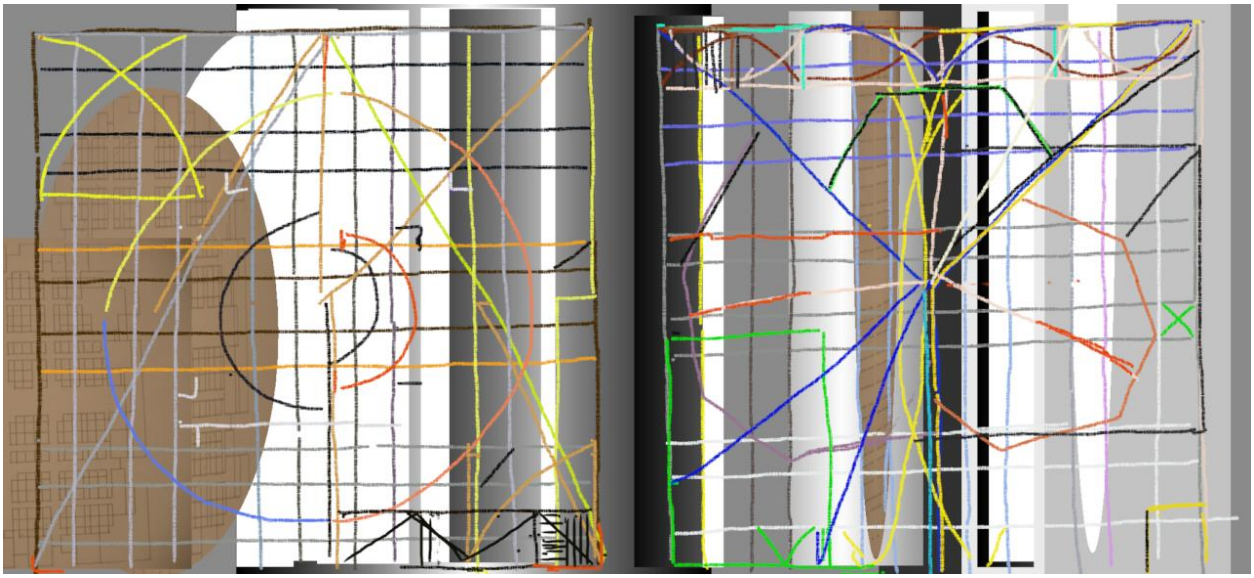
LaGrangian Grido Desiree

Or Mathematics of Book of K →FW

Supposing you were to have a Y shape and in the corners structure three different polytopes (irregular sides allowed): how would each of these read another's degrees of freedom i.e. how does one dimension occur to another as for example reading string dimension nearest proximity to macro -physical in that case fifth to fourth dimension (of which I have proposed the idea of a 'Point" is helpful as already fifth dimensional in a sense)...

In the drawing I use the center of the polygon as transmitting the

proportional signal and then coded this on the left panel to the Fano plane which appears directly analogous to the process.



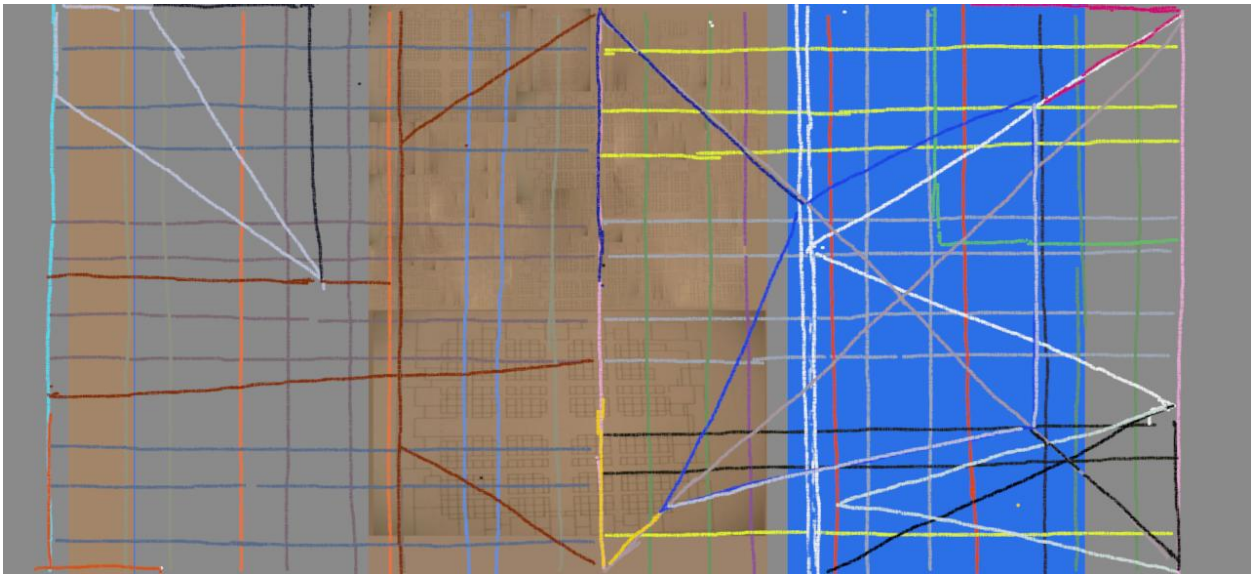
‘s

263z8

Passage from Triangle Spectrograph to Quasi Particle Violations of Surface Code in the Projective Mean Degrees of Freedom

The drawing engages the fundamental Hermitian golden section grid as analogical to the surface and Toric codes o fusion based quantum computations where the sense of rotation in the lattice potential via the plaquettes or defined regular or semi regular intervals makes adjacency of the rotation to its framing i.e. a diamond like transpose the condition of touch on the point demarcation of a qubit accordingly... the drawing has the diagonal as the symbol for space

marking a spectrograph in that regard with an entanglement system I devise... by splitting ratios on the corners as jet form of refraction and partially marking to the area borders globally and partially marking to the long x diagonals of the whole or double z so to speak. Thus the expected stabilizers are distorted and this means in the language of fusion based quantum computation which relates entanglements to a discrete limited surface controlling the degrees of freedom to degrees closer to an assemblage of the primitive roots that rather than stabilizers are in this case then quasiparticles and the flat grid becomes less off-shell....



364a3

House Architect Categoric Harmonic Oscillator of Lissajous to Log Gravity at the Atto-Second Points over Faithfull Representation.

That is: like a still life of suspended objects in all remarkable variety in thus semi sculptural-mobile world with narrow kiosk like platforms of different heights interrupting a few to give them that seat of contemplation... my previous drawing gave a very abstract version of something like that idea but to flesh it out a bit might continue on to build a kind of comparison to say Duchamps Descending Nude as a

similar idea which compared to the Brownian motion of Jackson Pollock seem encapsulated by Einstein in his riddle to students giving them the preference regimes of a group of individuals for which then to devise the best localization for siting them... sort of like an architects bubble diagram for analyzing circulation. The previous drawing proceeded from integrating toric and surface code of fusion based quantum computation graphing by relating to a spectral analysis of triangles and jet like bundle forms as independent functions morphing the flat surface

to its topological nearness... the grid I use parenthetically was derived as I taught myself drafting and so simultaneously devised a golden section harmonic grid in Hermitian Quincunx terms while working running prints in the office of one of the “New York Five” architects who had strong leanings towards Corbu... although in the Post Modernism exhibition it was Eisenstein who caught my eye with his variety in models and focus in aesthetic considered spareness relative that prolix alternative he haunted.

In this current drawing I am relating the golden section (the New York Five had an underground classic on this by Jay Hambidge author having had a DaDa era magazine become his book Dynamic Symmetry from “The Diagonal” magazine series.. on the subject which then circulated among the five.....)... drawing now on relating the section to a specific perfect square namely the 9X9 or 81 seen from the normalized context of the ratio .81 which in reciprocal as 1.2345678 gives essentially the ordinal tract of the octonion and 8fold way...

Ordinals to Cardinals and local to global constraints then figure… which in this case give a surface code limited to the primitive roots of the natural numbers… to begin with I observe that I may develop in quantum context the relation of vacua levels as the representative of the number i for which then the Higgs field paradigm of shifting levels creating in the displacement of quasi particles upon the effect comparable to spontaneous and discrete chirality breaking the drawing then may approach global to local relations of ordinal to

cardinal relation via distinctions of bilateral and log symmetry (referenced in the title)...treating the term 1.234567 as a string of variable length the drawing marks the neighborhoods by studying the string length attained to the leading zero multiplied at that point as a whole by the primitive root.

Parenthetically to the visual focus:

so could you say like Higgs is math i version per physics the inferometer loss gain fringe on rotation to constructive or erased interferance is sorting degrees of bundle faithfull

representation potential to diabolical points erased and EPs as focal to off the shell rerouted to field?

Then can one say the erased shall we say diabolical point is in T-symmetry or time reversal while the Ep positive reinforcement interference is entropic as time? Where the bilateral symmetry tends in time linearity to follow time line off the shell while a log form may read contrariwise at the shift of vacua level? That is the original pole has become meromorphic to a left transform transporting its whole as a vector

direction in that respect.... In the drawing field relations as ratios are time dependent to center discrimination while multiplication gives the reciprocal to change of dimension leftwise as vector...

Left and right directions of the categorical given and its resource amplification morphism... per quivers as nested functions.

Drawing as "A Rotating Stabilizer Towards an Interferometry of Decoherance Regimes....:

Euler’s imaginary number is a prime mover over fields of event we can survey by the monad beginning with the Hamiltonian which has rotation and system energy, Schrodinger adding phase… which conceptually linking to mathematical unknowability and physics uncertainty permits the adjacency to adjoint relations of Category Theory, for example we see the Higgs as the physics counterpart of mathematical i placed to vacua level transitions and the off shell identity transpose to mass… while quantum wave non collapse at decoherance reading instead the environment comparable to discrepancy theory

martialing of Adams transpose to reading embedding to surgery or a form of factoring s to a time asymmetry to time arrow like view which then considering firstly over interferometry the identity of interference negative as also a similar kind of erasure and entanglement positive like a neurological model of reflex cortical integration as elastic modelling then similar to the surface and toric codes of quantum fusion computation devising node to plaquette graphing to a tighter qubit spectrum is in itself modelled on the Category theory Quiver we started from. The question which occurs to me then is as the quiver posits a morphology rightwards toward degrees

of freedom where adjacency constructs are fluid cobordisms towards the adjoint can the idea of T-time over all these events be construed to represent effectively that symmetries which have that center of symmetry or in the log a pole will expand in time on the principle that any point on a circle is its center and so times arrow follow spectra and entropy of time like continuity generated by the mass to gravity between static and kinetic energy and yet on the other hand t-time is generated in the categories themselves which experience not gain or loss but a kind of arbitrary relation between infinity and the finite such as Sorovino algebra embeds between those

according essentially to the unit circle... the unit circle, which if made a rotating stabilizer to an interferometer positioning of half silvered mirror would create in the motion a decoherent light sourcing to similar effect...?

Gabriels Horn Time Cone of T-time and Spacetime Cobordism in the Off Shell Category Monad of Adjoint Space Adjunctive as Fault Tolerant Vs. Times Space Entropy via compression and suspension modes of Theoretic.

Given a model in the drawing proposing a Rotating Stabilizer studying decoherence across inferometry of light and quantum fault...Verisoro algebra

compact of surreal and hyper real modality...

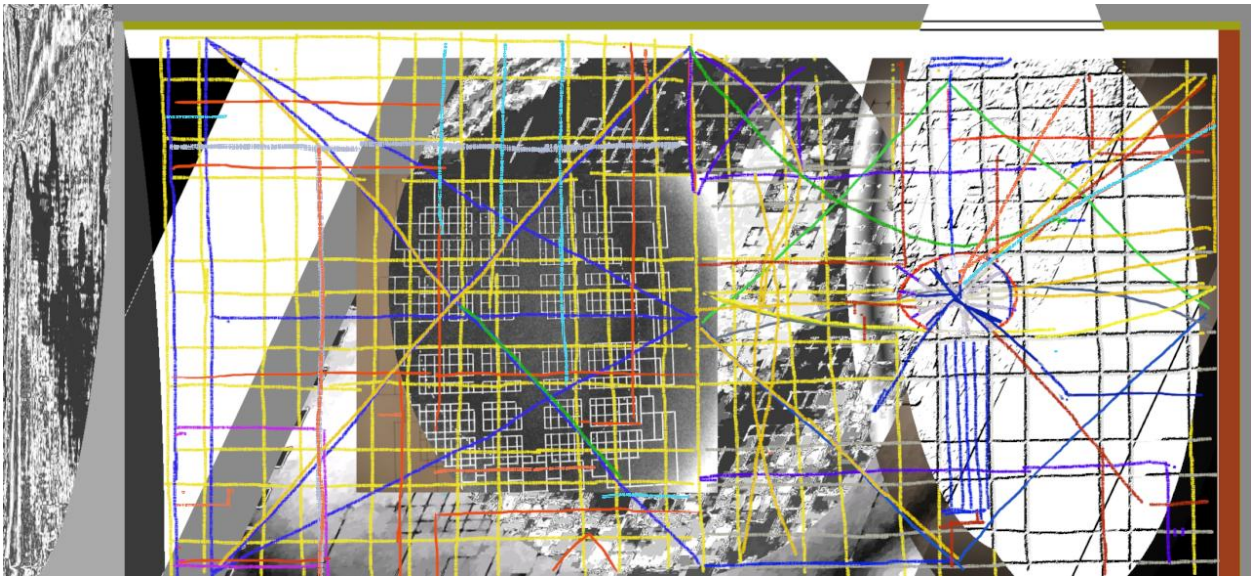
Specific number sequences:

Cycle Groups .81 and also .0073-→.7003 as the light cone and stabilizer groups...with the .0073/.0073 proving to be an exotic launching of fifth dimensional points on speculative perturbative horizons on the lattice of lattices higher dimensional ansatz projective field point to edge Monad.

The .81 series as in reciprocal 1.234567 is multiplied by primitive root at string length extensions while the .0073 regards doublings to variations on .146 the fourth turn of the golden section and separates zeroes by degrees of .27

which times three is .81, with a .703 value as unity plus the complement of the square root of three and .7003 has complement of .2997 or reciprocal of C... the series seems to turn inside out as it goes , while representing observables on the light cone this suggest off the shell motion which I pick up on categorically by extending cues off shell. Ie .2997 in reciprocal divided by the reciprocal of pi is 1.056 or ten times the .1056 value between the square root of five twice applied in square, while introducing .056 which times ten Is as .56 in reciprocal .7854 which times four is pi... on shell then I continue with structures of pi embedded in the golden section... while

introducing in relation to a interferometer the idea of a rotating stabilizer which I relate to jet like bundles of independent vectors...



364b10

Categorical Monad Lensing Adjunct to Adjoint Naturalness and Compressed Entropies Decompressed…. An Entangled Dyptych:

If quarks exist in a point like quantum charge with some probabilistic content but different from wave like fluctuation mechanics and the fifth dimension resources a d-braned compression the scenario relating spectral to automorphic relations as dynamic dualism but one in which space time in one direction follows the spectral and relations to

saddleback, diabolical and EP relative gain loss modes while the more L-function automorphic is as categorical perhaps analytically related to spectra but has a T-time dimensioning in contrast...and if space time in compression in string theory may edit that time whereas correspondingly the idea of a point may inhabit fourth dimensional space in a kind of transpose could it be considering the variance between a fifth dimension constructed to branes per stringy space and yet as a point offering a kind of fifth dimension that of these the particle

wave duality might seem a signature over these effects to the extent that while in 4dimensional time lensing creates a study over spectra could in automorphic Categorical T time space a resonance be constructed of a lensing of categorical terms which may be part of their actual definition but have a more detailed and comprehensive analysis just as oscillation structure identifies mechanical levels in spacetime analysis towards placing the idea of constraints methodically...The structures of suspension and erasure and surgery may pose in this sense

the categorical theatre of the representation of the continance of the point as its hom or moyal bracket in a hyper complexity with tensional lense like on the T time would be two dimensional rather than one dimensional entropy as a double ricci like elastic cone where the onshell and offshell no longer light defined have Gabriel Horn like dimensions as though offset between Log and Archimedian like representation to exotic distinction displacement to The categorical weights the simpler version of lensing in the 4d familiar?

In the drawing I approach the diagram of time development recently observed of entanglement as 232 atto seconds: thus “pseudo-infinitesimal’

and I study out in the golden section Hermitian Grid which has a quanta of .0156 distribution or stabilizer same as the simplified Planck…

and thus meeting as a quantum oscillatory macro to micro mode amplification transition staging points of evidence to category as monad generative specifics from atmospheric post oscilatory

combinatoric analytic to categorical…the point becoming a fourth dimensional analogue of the string brane integrating the fifth into the fourth as a basis….a compression of the idea of point into its evident familiar use….

The grid allow a rotation over the ensemble orthogonal which has a chess board like veneer which rather than chess i would deem “draughts” in which the origin of the title in “drawing” stems from the artificial language Sanskrit and its articulation of some 300 drawing verbs as the vector or idea forms behind

European and many other languages (thus in this aritifice a category natural relation to machine learning and AI)....

Reimagining then Duchamps N-dimensional chess to K and alalytical fusion to category in the process the "bride" as "faithfull representation" now meets "entanglement "as "ultra rapid exposure " to the "point of sex" now simply a random point... but the ultra rapid exposure of entanglement now seems to relate T algebras as linked states like a pitch devised on overtones to T-time where the gravity dimensioned time cone has in

the categorical domain not a one directional arrow but rather entropy or change reads dynamically and thus two dimensional … in this case the previous idea of entanglement as "instantaneous and the idea of a point as dimensionless have a certain peculiar balance but as the instantaneous entanglement now becomes pseudo- instanteous at local level is it spontaneous at global…

Ingres and Cezanne had in common that they viewed a shifting focal point as collecting locally shifting basis diagonals into a major

diagonal over the others as overtones and projecting this on the principle that you only see one thing because you also see another

A gain and loss principle in the mixing of these areas creates a pitch over their combinatoric as a ampleness or blossoming to the pitch and the transform as form itself configuring and ongoing cycle where again as Cezanne said the point nearest eye is brightest then making the focus in a sense the chosen nearness in comparison with the principle that any point on a circle is its middle so likewise the generative

vision and in Ingres case his musicality linked aural to oral so to speak … over all then the extension field is spectral and as recombining across a diagonal become automorphic … Ingres as in a pencil self portrait devoid of his normal stylization effective quotes the forms of the Lyre and Bow per Heraclitus “it is an attunement which turns back on itself like that of the bow and the lyre… (Heraclitus referencing Apollo and Artemis as twins and respectively symbolized by Lyre and bow the bow modelling potential energy and the lyre harmonic

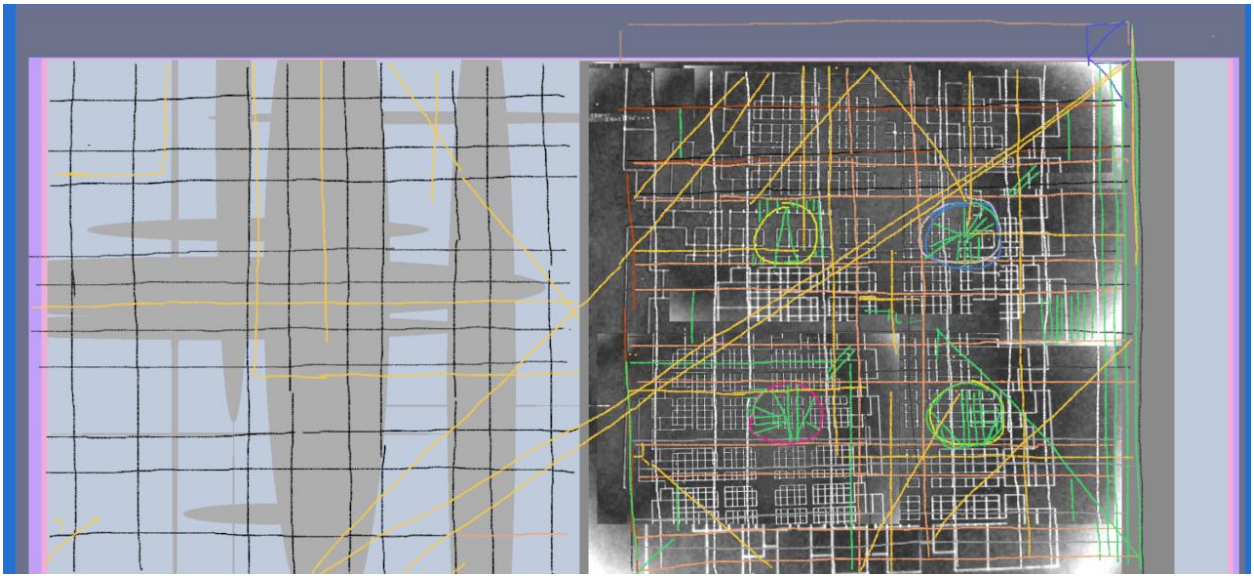
simultaneously punning also two centers of the universe at time, one being Delphi and the other the Library of Ephesis(where Heraclitus deposited his manuscript) and that patron being a nurse like God...The Ingres drawing splinter Bow like components similar to Duchamps 'stoppages" and the counter curve Lyre shape which recombines... then returning to recombination of a sort could we say of The tachyon field to Instanton is pseudo spontaneous and effectively remodels the compressed entropy state of vacua to a decompressed state? In art , the

theme of “no-space” ie a photograph of a sculpture with no background) has an interesting ascendence to considering quarks as point like in space , quantum fields generated from space only, and the idea of a point as having a kind of categorical distribution between the spectral bow and the automorphic Lyre…pitch to resonance with dual overtones between notes and bow string lengths…

The drawing creates a system where the mapping of .0156 quanta have a radiating dispersal similar to the entanglement measure here

reconfigure towards more cone like projection in part but also placing two regions of square format which accomplish a kind of entangled diptych in which an orthogonal format projects over the half planes of the opposite as mirror diagonals conforming to the splitting of the ratio and distribution of diagonals.. this rotational variance then of two states, the orthogonal whole and the symbolic diagonal as they codefine in and of itself gives a kind of post measure intuition of why particles evolve in double sets... and the nature of two as both original unique

even prime and symmetry which binds it to whole number concept as a number of perception along with three a consequence of diagonals to center morphing primitive roots.



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